B&A Buys & Associates, Inc.
Environmental Consultants

2580 Creekview Road
Moab, Utah 84532
435-719-2018

February 25, 2009

Fluid Minerals Group
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

RE: Application for Permit to Drill—XTO Energy, Inc.
**RBU 37-23E**
*Surface Location:* 1,713' FNL & 669' FWL, SW/4 NW/4,
*Target Location:* 2,570' FNL & 1,220' FWL, SW/4 NW/4,
Section 23, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of XTO Energy, Inc. Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM surface and mineral directional well. A letter from XTO Energy, Inc. immediately follows this letter to charge the APD processing fee under the Fiscal Year 2008 Consolidated Appropriations Act. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of any uncommitted tracts or the unit boundary. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and pipeline corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Survey;

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for XTO Energy, Inc.

cc: Diana Mason, Division of Oil, Gas and Mining
Ken Secrest, XTO Energy, Inc.

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

# APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-013766

6. If Indian, Allotee or Tribe Name
N/A

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
River Bend Unit

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
RBU 37-23E

2. Name of Operator
XTO Energy, Inc.

9. API Well No.
43047-40586

3a. Address
390 CR 3100
Aztec, New Mexico 87410

3b. Phone No. *(include area code)*
(505) 333-3100

10. Field and Pool, or Exploratory
Natural Buttes

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 1,713' FNL & 669' FWL, SW/4 NW/4,
At proposed prod. zone 2,570' FNL & 1,220' FWL, SW/4 NW/4,

11. Sec., T. R. M. or Blk. and Survey or Area
Section 23, T10S, R19E, SLB&M

14. Distance in miles and direction from nearest town or post office*
11.37 miles southwest of Ouray, Utah

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
669'

16. No. of acres in lease
2,240

17. Spacing Unit dedicated to this well
40 acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
20'

19. Proposed Depth
8,807' MD / 8,678' TVD

20. BLM/BIA Bond No. on file
UTB-000138

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5,267'

22. Approximate date work will start*
07/15/2009

23. Estimated duration
14 days

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature: Don Hamilton
Name *(Printed/Typed)*: Don Hamilton
Date: 02/25/2009

Title: Agent for XTO Energy, Inc.

Approved by *(Signature)*:
Name *(Printed/Typed)*: BRADLEY G. HILL
Date: 03-11-09

Title:
Office: ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

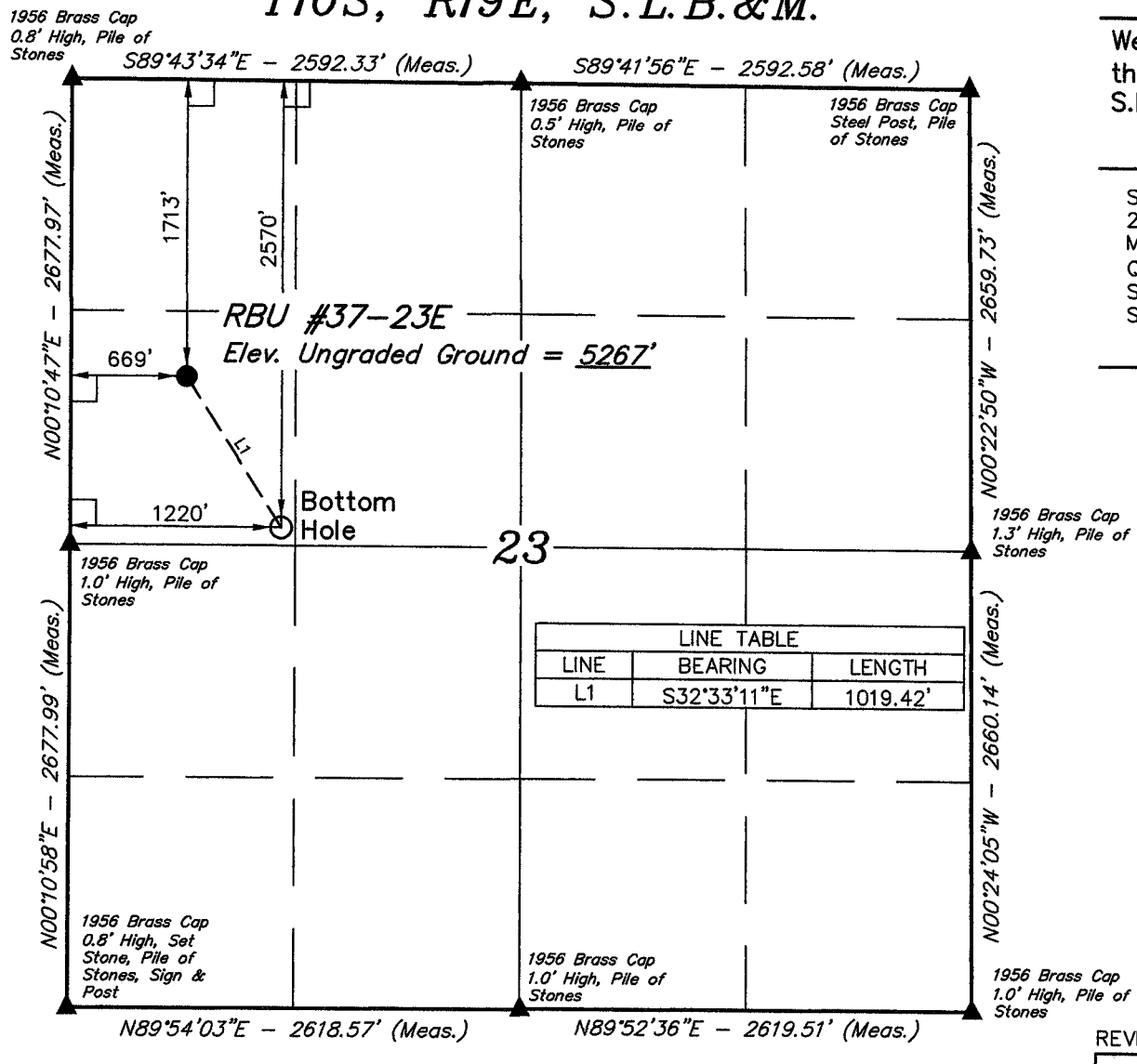
Surf
606320X
4421126Y
39.935467
-109.755671

Federal Approval of this Action is Necessary

BHL
606490X
44208674
39.933110
-109.753719

RECEIVED
MAR 02 2009
DIV. OF OIL, GAS & MINING

# T10S, R19E, S.L.B.&M.




| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | LENGTH |
| L1 | S32°33'11"E | 1019.42' |

## XTO ENERGY, INC.

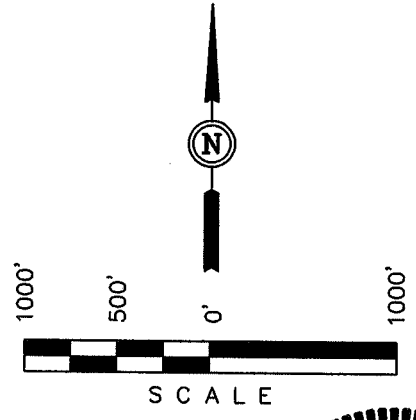
Well location, RBU #37-23E, located as shown in the SW 1/4 NW 1/4 of Section 23, T10S, R19E, S.L.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M., TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

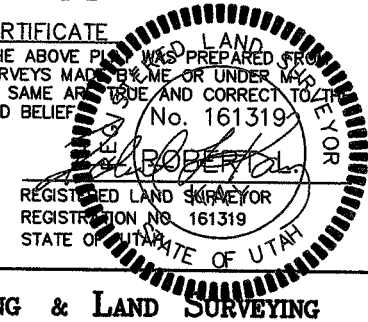
## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.




CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.




REVISED: 10-30-08


UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017


LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

| NAD 83 (TARGET BOTTOM HOLE) | NAD 83 (SURFACE LOCATION) |
|---|---|
| LATITUDE = 39°55'59.19" (39.933108) | LATITUDE = 39°56'07.67" (39.935464) |
| LONGITUDE = 109°45'16.25" (109.754514) | LONGITUDE = 109°45'23.30" (109.756472) |
| **NAD 27 (TARGET BOTTOM HOLE)** | **NAD 27 (SURFACE LOCATION)** |
| LATITUDE = 39°55'59.32" (39.933144) | LATITUDE = 39°56'07.80" (39.935500) |
| LONGITUDE = 109°45'13.75" (109.753819) | LONGITUDE = 109°45'20.80" (109.755778) |

| | | | |
|---|---|---|---|
| SCALE | 1" = 1000' | DATE SURVEYED: | 08-08-08 |
| | | DATE DRAWN: | 08-15-08 |
| PARTY | B.B K.A. D.P. | REFERENCES | G.L.O. PLAT |
| WEATHER | WARM | FILE | XTO ENERGY, INC. |

# XTO ENERGY INC.

**RBU 37-23E**
**APD Data**
**February 24, 2009**

**Location:** 1713' FNL & 669' FWL, Sec. 23, T10S, R19E **County:** Uintah **State:** Utah
**Bottomhole Location:** 2570' FNL & 1220' FWL, Sec. 23, T10S, R19E

GREATEST PROJECTED TD: 8807' MD/ 8678' TVD OBJECTIVE: Wasatch/Mesaverde
APPROX GR ELEV: 5267' Est KB ELEV: 5289' (22' AGL)

## 1. MUD PROGRAM:

| INTERVAL | 0' to 2162' | 2162' to 8807' |
|---|---|---|
| HOLE SIZE | 12.25" | 7.875" |
| MUD TYPE | FW/Spud Mud | KCl Based LSND / Gel Chemical |
| WEIGHT | 8.4 | 8.6-9.20 |
| VISCOSITY | NC | 30-60 |
| WATER LOSS | NC | 8-15 |

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

## 2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ±2162'MD/2100'TVD in a 12.25" hole filled with 8.8 ppg mud

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0'-2162' | 2162' | 36# | J-55 | ST&C | 2020 | 3520 | 394 | 8.921 | 8.765 | 2.10 | 3.66 | 5.06 |

Production Casing: 5.5" casing set at ±8807'MD/8678' TVD in a 7.875" hole filled with 9.2 ppg mud.

| Interval | Length | Wt | Gr | Cplg | Coll Rating (psi) | Burst Rating (psi) | Jt Str (M-lbs) | ID (in) | Drift (in) | SF Coll | SF Burst | SF Ten |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0'-8807' | 8807' | 17# | N-80 | LT&C | 6280 | 7740 | 348 | 4.892 | 4.767 | 1.91 | 2.36 | 2.32 |

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

## 3. WELLHEAD:

A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

## 4. CEMENT PROGRAM:

A. Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ± 2162' in 12.25" hole.

LEAD:
**± 200** sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 $ft^3$/sk, 22.95 gal wtr/sx.

TAIL:
**350** sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

***Total estimated slurry volume for the 9.625"surface casing is 1184 $ft^3$. Slurry includes 75% excess of calculated open hole annular volume to 2162'.***

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ± 8807' in 7.875" hole.

LEAD:
**±245** sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 $ft^3$/sk, 17.71 gal wtr/sx.

TAIL:
**400** sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

***Total estimated slurry volume for the 5.5" production casing is 1464 $ft^3$. Slurry includes 15% excess of calculated open hole annular volume.***

***Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for the top of cement to be at 1662'.***

## 5. LOGGING PROGRAM:

A. Mud Logger: The mud logger will come on at surface casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (8807') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8807') to 2162'. A GPIT/Orientation Tool **may** be run from 8807' – 2162'.

## 6. FORMATION TOPS:

Please see attached directional plan.

## 7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

| Formation | Expected Fluids | Depth Top (MD) |
|---|---|---|
| Wasatch Tongue | Oil/Gas/Water | 4315 |
| Wasatch | Gas/Water | 4830 |
| Chapita Wells | Gas/Water | 5251 |
| Uteland Buttes | Gas/Water | 6988 |
| Mesaverde | Gas/Water | 7770 |

B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

C. There are no known potential sources of $H_2S$.

D. The closest offset well, RBU 5-23E was drilled in 1992 to 7200' TVD with a mud density of 8.5 ppg in conjuction with reduced density via fluid aeration. Assuming a slight overbalance of 0.1 ppg, the formation pore pressure would equate to an 8.4 ppg value (or pressure gradient of 0.437 psi/ft). Extrapolating this value down to the target total depth of 8678' TVD the **anticipated bottom hole pressure** would be **3791 psi**. Using a conservative gas gradient to surface of 0.1 psi/ft, the **maximum anticipated surface pressure** would be **2923** psi.

## 8. BOP EQUIPMENT:

The drilling of the surface hole will not utilize a bop stack – a 2000 psi diverter system will be utilized..

Production hole will be drilled with a 3000 psi rated BOP stack and choke manifold

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

a. when initially installed:

b. whenever any seal subject to test pressure is broken

c. following related repairs: and

d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53 with a minimum pressure rating of 3000 psi. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram.

b. A choke line and a kill line are to be properly installed.

c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

e. See attached BOP & Choke manifold diagrams.

## 9. COMPANY PERSONNEL:

| Name | Title | Office Phone | Home/Cell Phone |
|---|---|---|---|
| Justin Niederhofer | Drilling Engineer | 505-333-3199 | 505-320-0158 |
| Bobby Jackson | Drilling Superintendent | 505-333-3224 | 505-486-4706 |
| Brent H. Martin | Drilling Manager | 505-333-3110 | 505-320-4074 |
| Jeff Jackson | Project Geologist | 817-885-2800 | |

# SURFACE USE PLAN

**Name of Operator:** XTO Energy, Inc.
**Address:** 390 CR 3100
Aztec, New Mexico 87410
**Well Location:** RBU 37-23E
*Surface Location:* 1,713' FNL & 669' FWL, SW/4 NW/4,
*Target Location:* 2,570' FNL & 1,220' FWL, SW/4 NW/4,
Section 23, T10S, R19E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Wednesday, October 29, 2008 at approximately 2:35 pm. In attendance at the onsite inspections were the following individuals:

| | | |
|---|---|---|
| Paul Percival | Nat. Res. Prot. Spec. | BLM – Vernal |
| David Gordon | Wildlife Biologist | BLM – Vernal |
| Ken Secrest | Regulatory Coordinator | XTO Energy, Inc. |
| Jody Mecham | | XTO Energy, Inc. |
| Terry Scholes | | XTO Energy, Inc. |
| Brandon Bowthorpe | Surveyor | Uintah Engineering |
| Billy McClure | Foreman | LaRose Construction |
| Randy Jackson | Foreman | Jackson Construction |

1. Location of Existing Roads:

   a. The proposed well site is located approximately 11.37 miles southwest of Ouray, Utah.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. An off-lease federal Right-of-Way is not anticipated for the access road and pipeline corridors since both exist and are within the River Bend Unit area.

2. Planned Access Roads:

a. No new access is proposed since the well will be drilled from the existing RBU 5-23Ewell site utilizing the existing access road.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

a. All permanent structures will be painted a flat, non-reflective Covert Green /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A pipeline corridor upgrade is proposed with this application. The proposed upgrade will replace 40' of existing 2" with a new 4" steel gas pipeline. The proposed pipeline corridor will leave the southwest side of the well site and traverse 40' to the existing 4" pipeline corridor.

i. The new segment of gas pipeline will be a 4" buried laid line within a 45' wide pipeline corridor.

j. Construction of the pipeline corridor will temporarily utilize the 45' disturbed width for the road for a total disturbed width of 75' for the road and pipeline corridors. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction.

k. XTO Energy, Inc. intends to bury the pipeline and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. No water supply pipelines will be laid for this well.

b. No water well will be drilled for this well.

c. Drilling water for this will be hauled on the road(s) shown in Exhibit B.

d. Project water will be hauled from one of the following permitted sources:

- Water Permit #43-10991, Section 9, T8S, R20E;
- Water Permit #49-2189, Section 33, T8S, R20E;
- Water Permit #49-2158, Section 33, T8S, R20E;
- Water Permit #43-9077, Section 32, T6S, R20E;
- Water Permit #49-2262, Section 33, T8S, R20E;
- Water Permit #49-1645, Section 5, T9S, R22E;
- Tribal Resolution 06-183, Section 22, T10S, R20E;

6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

b. No construction materials will be removed from Ute Tribal or BLM lands.

c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

b. Drill cuttings will be contained and buried on site.

c. The reserve pit will be located outboard of the location and along the northeast side of the pad.

d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.

k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.

l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

b. Access to the well pad will be from the southwest.

c. The pad and road designs are consistent with BLM specifications.

d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.

h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

k. Pits will remain fenced until site cleanup.

l. The blooie line will be located at least 100 feet from the well head.

m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
    a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
    b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
        - Hy-Crested Wheat Grass (4 lbs / acre)
        - Needle and Thread Grass (4 lbs / acre)
        - Squirrel Tail (4 lbs / acre)
    c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.

d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

| Title | Name | Office Phone | Mobile Phone | e-mail |
|---|---|---|---|---|
| Company Rep. | Ken Secrest | 435-722-4521 | 435-828-1450 | Ken_Secrest@xtoenergy.com |
| Agent | Don Hamilton | 435-719-2018 | 435-719-2018 | starpoint@etv.net |

b. An Independent Archeologist. has conducted a Class III archeological survey. A copy of the report is attached as Exhibit 'G' and has also been submitted under separate cover to the appropriate agencies by An Independent Archeologist.

c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached as Exhibit 'G' and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.

d. Our understanding of the results of the onsite inspection are:

   a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.

   b. No drainage crossings that require additional State or Federal approval are being crossed.

   c. The location will be shortened 20' on the northwest side to remain within the existing location

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's BLM bond UTB-000138. These statements are subject to the provisions of 18 U.S.C. 1001 for the fling of false statements.

Executed this 25th day of February, 2009.

Don Hamilton

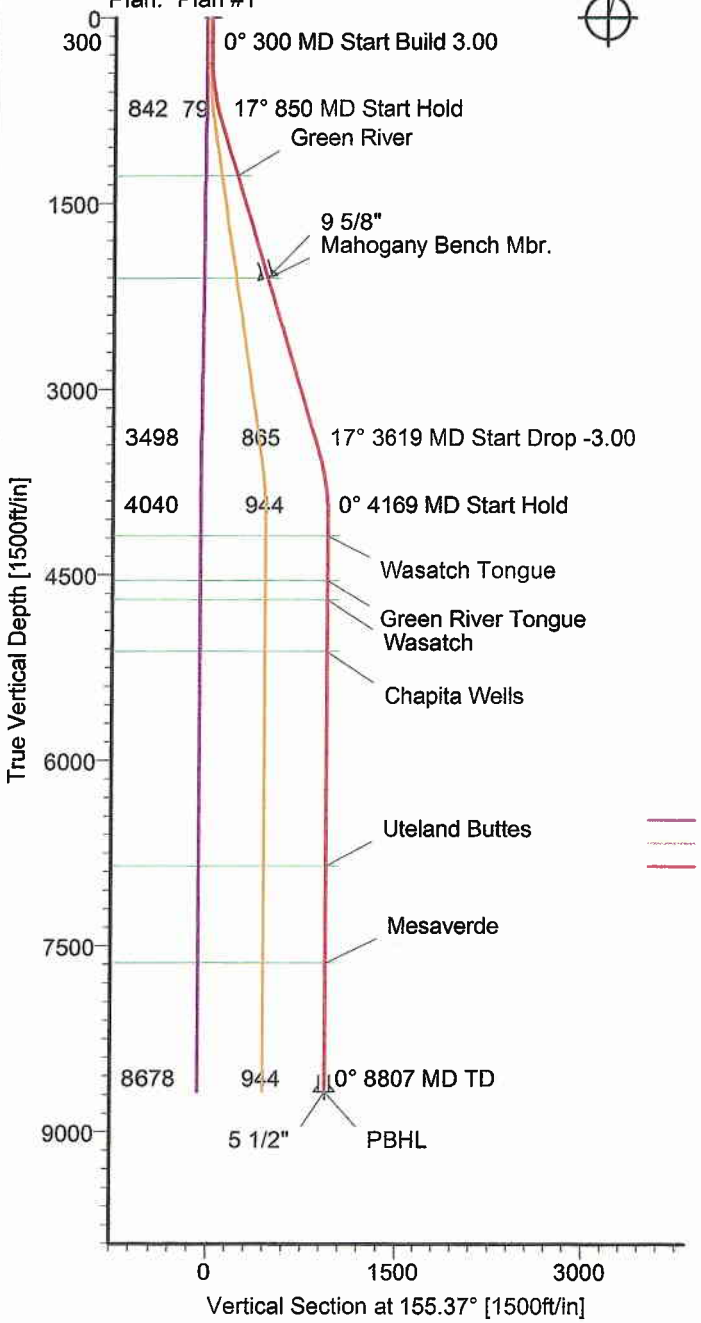
Don Hamilton -- Agent for XTO Energy, Inc.
2580 Creekview Road
Moab, Utah 84532

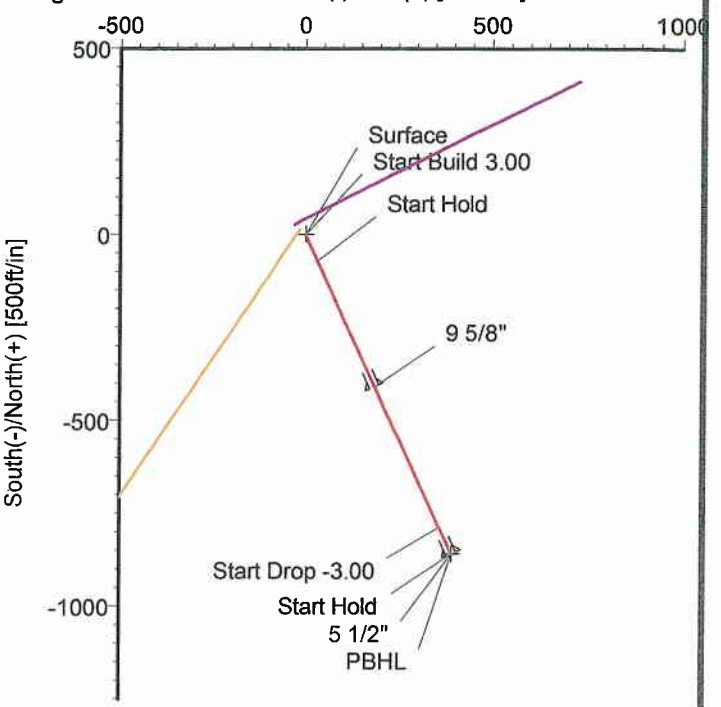
435-719-2018
starpoint@etv.net

**XTO Energy, Inc.**
Field: Uintah County, UT
Site: RBU 37-23E
Well: 37-23E
Wellpath: Original Hole
Plan: Plan #1

Azimuths to True North
Magnetic North: 11.46°

Magnetic Field
Strength: 52560nT
Dip Angle: 65.83°
Date: 2/3/2009
Model: igrf2005




LEGEND
19-23E (Original Hole)
21-23E (Original Hole)
Plan #1

FORMATION TOP DETAILS

| No. | TVDPath | MDPath | Formation |
|---|---|---|---|
| 1 | 1281.00 | 1307.41 | Green River |
| 2 | 2109.00 | 2170.97 | Mahogany Bench Mbr. |
| 3 | 4186.00 | 4315.19 | Wasatch Tongue |
| 4 | 4549.00 | 4678.19 | Green River Tongue |
| 5 | 4701.00 | 4830.19 | Wasatch |
| 6 | 5122.00 | 5251.19 | Chapita Wells |
| 7 | 6859.00 | 6988.19 | Uteland Buttes |
| 8 | 7641.00 | 7770.19 | Mesaverde |

CASING DETAILS

| No. | TVD | MD | Name | Size |
|---|---|---|---|---|
| 1 | 2100.00 | 2161.58 | 9 5/8" | 9.625 |
| 2 | 8678.00 | 8807.19 | 5 1/2" | 5.500 |

TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---|---|---|---|---|---|---|---|---|
| Surface | 0.00 | 0.00 | 0.00 | 7149995.54 | 2129272.78 | 39°56'07.670N | 109°45'23.300W | Point |
| PBHL | 8678.00 | -858.00 | 393.35 | 7149145.37 | 2129682.78 | 39°55'59.190N | 109°45'18.250W | Point |

SECTION DETAILS

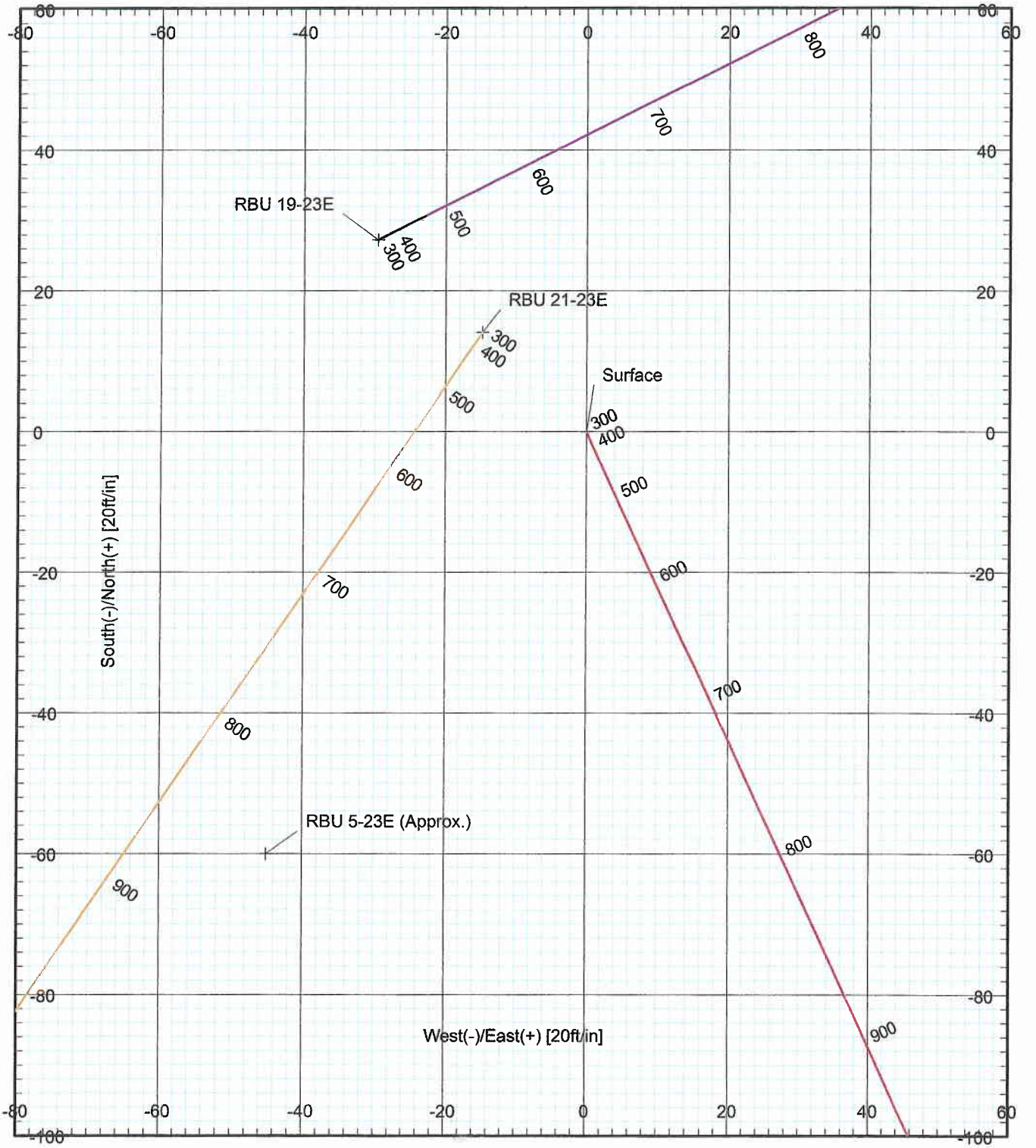
| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 | 155.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 300.00 | 0.00 | 155.37 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 850.00 | 16.50 | 155.37 | 842.43 | -71.49 | 32.78 | 3.00 | 155.37 | 78.65 | |
| 4 | 3619.48 | 16.50 | 155.37 | 3497.86 | -786.51 | 360.58 | 0.00 | 0.00 | 865.22 | |
| 5 | 4169.48 | 0.00 | 155.37 | 4040.29 | -858.00 | 393.35 | 3.00 | 180.00 | 943.87 | |
| 6 | 8807.19 | 0.00 | 155.37 | 8678.00 | -858.00 | 393.35 | 0.00 | 0.00 | 943.87 | PBHL |


STRATA DIRECTIONAL TECHNOLOGY, LLC
911 Regional Park Drive Houston, Texas 77060
Phone: 713-934-9600 Fax: 713-934-9067


Plan: Plan #1 (37-23E/Original Hole)
Created By: David Vogler Date: 2/3/2009
Checked: _____ Date: _____

**XTO Energy, Inc.**
Field: Uintah County, UT
Site: RBU 37-23E
Well: 37-23E
Wellpath: Original Hole
Plan: Plan #1

LEGEND
19-23E (Original Hole)
21-23E (Original Hole)
Plan #1




STRATA DIRECTIONAL TECHNOLOGY, LLC.
911 Regional Park Drive Houston, Texas 77060
Phone: 713-934-9600 Fax: 713-934-9067

Plan: Plan #1 (37-23E/Original Hole)
Created By: David Vogler Date: 2/3/2009
Checked: _____ Date: _____

# Strata Directional Technology, LLC.

## Planning Report

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | XTO Energy, Inc. | **Date:** 2/3/2009 | **Time:** 12:10:46 | **Page:** | 1 |
| **Field:** | Uintah County, UT | **Co-ordinate(NE) Reference:** | Well: 37-23E, True North | | |
| **Site:** | RBU 37-23E | **Vertical (TVD) Reference:** | 5267'GL + 22'KB 5289.0 | | |
| **Well:** | 37-23E | **Section (VS) Reference:** | Well (0.00N,0.00E,155.37Azi) | | |
| **Wellpath:** | Original Hole | **Plan:** | Plan #1 | | |

**Field:** Uintah County, UT

| | | | |
|---|---|---|---|
| **Map System:** | US State Plane Coordinate System 1983 | **Map Zone:** | Utah, Central Zone |
| **Geo Datum:** | GRS 1980 | **Coordinate System:** | Well Centre |
| **Sys Datum:** | Mean Sea Level | **Geomagnetic Model:** | igrf2005 |

**Site:** RBU 37-23E

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Site Position:** | | **Northing:** | 7149995.54 ft | **Latitude:** | 39 56 | 7.670 | N |
| **From:** | Geographic | **Easting:** | 2129272.78 ft | **Longitude:** | 109 45 | 23.300 | W |
| **Position Uncertainty:** | 0.00 ft | | | **North Reference:** | | True | |
| **Ground Level:** | 5267.00 ft | | | **Grid Convergence:** | | 1.12 | deg |

**Well:** 37-23E **Slot Name:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Well Position:** | +N/-S 0.00 ft | **Northing:** | 7149995.54 ft | **Latitude:** | 39 56 | 7.670 | N |
| | +E/-W 0.00 ft | **Easting :** | 2129272.78 ft | **Longitude:** | 109 45 | 23.300 | W |
| **Position Uncertainty:** | 0.00 ft | | | | | | |

**Wellpath:** Original Hole

| | | | | | |
|---|---|---|---|---|---|
| | | | | **Drilled From:** | Surface |
| | | | | **Tie-on Depth:** | 0.00 ft |
| **Current Datum:** | 5267'GL + 22'KB | **Height** | 5289.00 ft | **Above System Datum:** | Mean Sea Level |
| **Magnetic Data:** | 2/3/2009 | | | **Declination:** | 11.46 deg |
| **Field Strength:** | 52560 nT | | | **Mag Dip Angle:** | 65.83 deg |

| **Vertical Section:** | **Depth From (TVD)** ft | **+N/-S** ft | **+E/-W** ft | **Direction** deg |
|---|---|---|---|---|
| | 0.00 | 0.00 | 0.00 | 155.37 |

**Plan:** Plan #1 **Date Composed:** 2/3/2009

**Version:** 1

**Principal:** No **Tied-to:** From Surface

**Survey**

| MD ft | Incl deg | Azim deg | TVD ft | +N/-S ft | +E/-W ft | VS ft | DLS deg/100ft | Build deg/100ft | Turn deg/100ft | Tool/Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 155.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 100.00 | 0.00 | 155.37 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 200.00 | 0.00 | 155.37 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.00 | 155.37 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400.00 | 3.00 | 155.37 | 399.95 | -2.38 | 1.09 | 2.62 | 3.00 | 3.00 | 0.00 | |
| 500.00 | 6.00 | 155.37 | 499.63 | -9.51 | 4.36 | 10.46 | 3.00 | 3.00 | 0.00 | |
| 600.00 | 9.00 | 155.37 | 598.77 | -21.37 | 9.80 | 23.51 | 3.00 | 3.00 | 0.00 | |
| 700.00 | 12.00 | 155.37 | 697.08 | -37.94 | 17.39 | 41.74 | 3.00 | 3.00 | 0.00 | |
| 800.00 | 15.00 | 155.37 | 794.31 | -59.16 | 27.12 | 65.08 | 3.00 | 3.00 | 0.00 | |
| 850.00 | 16.50 | 155.37 | 842.43 | -71.49 | 32.78 | 78.65 | 3.00 | 3.00 | 0.00 | |
| 900.00 | 16.50 | 155.37 | 890.37 | -84.40 | 38.69 | 92.85 | 0.00 | 0.00 | 0.00 | |
| 1000.00 | 16.50 | 155.37 | 986.25 | -110.22 | 50.53 | 121.25 | 0.00 | 0.00 | 0.00 | |
| 1100.00 | 16.50 | 155.37 | 1082.13 | -136.04 | 62.37 | 149.65 | 0.00 | 0.00 | 0.00 | |
| 1200.00 | 16.50 | 155.37 | 1178.02 | -161.86 | 74.20 | 178.05 | 0.00 | 0.00 | 0.00 | |
| 1300.00 | 16.50 | 155.37 | 1273.90 | -187.67 | 86.04 | 206.46 | 0.00 | 0.00 | 0.00 | |
| 1307.41 | 16.50 | 155.37 | 1281.00 | -189.59 | 86.92 | 208.56 | 0.00 | 0.00 | 0.00 | Green River |
| 1400.00 | 16.50 | 155.37 | 1369.78 | -213.49 | 97.87 | 234.86 | 0.00 | 0.00 | 0.00 | |
| 1500.00 | 16.50 | 155.37 | 1465.66 | -239.31 | 109.71 | 263.26 | 0.00 | 0.00 | 0.00 | |
| 1600.00 | 16.50 | 155.37 | 1561.54 | -265.13 | 121.55 | 291.66 | 0.00 | 0.00 | 0.00 | |
| 1700.00 | 16.50 | 155.37 | 1657.43 | -290.94 | 133.38 | 320.06 | 0.00 | 0.00 | 0.00 | |
| 1800.00 | 16.50 | 155.37 | 1753.31 | -316.76 | 145.22 | 348.46 | 0.00 | 0.00 | 0.00 | |
| 1900.00 | 16.50 | 155.37 | 1849.19 | -342.58 | 157.06 | 376.86 | 0.00 | 0.00 | 0.00 | |
| 2000.00 | 16.50 | 155.37 | 1945.07 | -368.40 | 168.89 | 405.27 | 0.00 | 0.00 | 0.00 | |
| 2100.00 | 16.50 | 155.37 | 2040.95 | -394.21 | 180.73 | 433.67 | 0.00 | 0.00 | 0.00 | |
| 2161.58 | 16.50 | 155.37 | 2100.00 | -410.11 | 188.02 | 451.16 | 0.00 | 0.00 | 0.00 | 9 5/8" |

# Strata Directional Technology, LLC.

## Planning Report

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | XTO Energy, Inc. | **Date:** 2/3/2009 | **Time:** 12:10:46 | **Page:** | 2 |
| **Field:** | Uintah County, UT | **Co-ordinate(NE) Reference:** | Well: 37-23E, True North | | |
| **Site:** | RBU 37-23E | **Vertical (TVD) Reference:** | 5267'GL + 22'KB 5289.0 | | |
| **Well:** | 37-23E | **Section (VS) Reference:** | Well (0.00N,0.00E,155.37Azi) | | |
| **Wellpath:** | Original Hole | **Plan:** | Plan #1 | | |

**Survey**

| MD ft | Incl deg | Azim deg | TVD ft | +N/-S ft | +E/-W ft | VS ft | DLS deg/100ft | Build deg/100ft | Turn deg/100ft | Tool/Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 2170.97 | 16.50 | 155.37 | 2109.00 | -412.54 | 189.13 | 453.82 | 0.00 | 0.00 | 0.00 | Mahogany Bench Mbr. |
| 2200.00 | 16.50 | 155.37 | 2136.84 | -420.03 | 192.56 | 462.07 | 0.00 | 0.00 | 0.00 | |
| 2300.00 | 16.50 | 155.37 | 2232.72 | -445.85 | 204.40 | 490.47 | 0.00 | 0.00 | 0.00 | |
| 2400.00 | 16.50 | 155.37 | 2328.60 | -471.67 | 216.24 | 518.87 | 0.00 | 0.00 | 0.00 | |
| 2500.00 | 16.50 | 155.37 | 2424.48 | -497.49 | 228.07 | 547.27 | 0.00 | 0.00 | 0.00 | |
| 2600.00 | 16.50 | 155.37 | 2520.36 | -523.30 | 239.91 | 575.68 | 0.00 | 0.00 | 0.00 | |
| 2700.00 | 16.50 | 155.37 | 2616.25 | -549.12 | 251.74 | 604.08 | 0.00 | 0.00 | 0.00 | |
| 2800.00 | 16.50 | 155.37 | 2712.13 | -574.94 | 263.58 | 632.48 | 0.00 | 0.00 | 0.00 | |
| 2900.00 | 16.50 | 155.37 | 2808.01 | -600.76 | 275.42 | 660.88 | 0.00 | 0.00 | 0.00 | |
| 3000.00 | 16.50 | 155.37 | 2903.89 | -626.57 | 287.25 | 689.28 | 0.00 | 0.00 | 0.00 | |
| 3100.00 | 16.50 | 155.37 | 2999.77 | -652.39 | 299.09 | 717.68 | 0.00 | 0.00 | 0.00 | |
| 3200.00 | 16.50 | 155.37 | 3095.66 | -678.21 | 310.92 | 746.08 | 0.00 | 0.00 | 0.00 | |
| 3300.00 | 16.50 | 155.37 | 3191.54 | -704.03 | 322.76 | 774.49 | 0.00 | 0.00 | 0.00 | |
| 3400.00 | 16.50 | 155.37 | 3287.42 | -729.84 | 334.60 | 802.89 | 0.00 | 0.00 | 0.00 | |
| 3500.00 | 16.50 | 155.37 | 3383.30 | -755.66 | 346.43 | 831.29 | 0.00 | 0.00 | 0.00 | |
| 3600.00 | 16.50 | 155.37 | 3479.18 | -781.48 | 358.27 | 859.69 | 0.00 | 0.00 | 0.00 | |
| 3619.48 | 16.50 | 155.37 | 3497.86 | -786.51 | 360.58 | 865.22 | 0.00 | 0.00 | 0.00 | |
| 3700.00 | 14.08 | 155.37 | 3575.52 | -805.81 | 369.42 | 886.46 | 3.00 | -3.00 | 0.00 | |
| 3800.00 | 11.08 | 155.37 | 3673.11 | -825.62 | 378.50 | 908.24 | 3.00 | -3.00 | 0.00 | |
| 3900.00 | 8.08 | 155.37 | 3771.70 | -840.75 | 385.44 | 924.89 | 3.00 | -3.00 | 0.00 | |
| 4000.00 | 5.08 | 155.37 | 3871.03 | -851.17 | 390.22 | 936.36 | 3.00 | -3.00 | 0.00 | |
| 4100.00 | 2.08 | 155.37 | 3970.83 | -856.85 | 392.82 | 942.61 | 3.00 | -3.00 | 0.00 | |
| 4169.48 | 0.00 | 155.37 | 4040.29 | -858.00 | 393.35 | 943.87 | 3.00 | -3.00 | 0.00 | |
| 4200.00 | 0.00 | 155.37 | 4070.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4300.00 | 0.00 | 155.37 | 4170.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4315.19 | 0.00 | 155.37 | 4186.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Wasatch Tongue |
| 4400.00 | 0.00 | 155.37 | 4270.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4500.00 | 0.00 | 155.37 | 4370.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4600.00 | 0.00 | 155.37 | 4470.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4678.19 | 0.00 | 155.37 | 4549.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Green River Tongue |
| 4700.00 | 0.00 | 155.37 | 4570.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4800.00 | 0.00 | 155.37 | 4670.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 4830.19 | 0.00 | 155.37 | 4701.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Wasatch |
| 4900.00 | 0.00 | 155.37 | 4770.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5000.00 | 0.00 | 155.37 | 4870.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5100.00 | 0.00 | 155.37 | 4970.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5200.00 | 0.00 | 155.37 | 5070.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5251.19 | 0.00 | 155.37 | 5122.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Chapita Wells |
| 5300.00 | 0.00 | 155.37 | 5170.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5400.00 | 0.00 | 155.37 | 5270.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5500.00 | 0.00 | 155.37 | 5370.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5600.00 | 0.00 | 155.37 | 5470.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5700.00 | 0.00 | 155.37 | 5570.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5800.00 | 0.00 | 155.37 | 5670.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 5900.00 | 0.00 | 155.37 | 5770.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6000.00 | 0.00 | 155.37 | 5870.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6100.00 | 0.00 | 155.37 | 5970.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6200.00 | 0.00 | 155.37 | 6070.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6300.00 | 0.00 | 155.37 | 6170.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6400.00 | 0.00 | 155.37 | 6270.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6500.00 | 0.00 | 155.37 | 6370.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6600.00 | 0.00 | 155.37 | 6470.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6700.00 | 0.00 | 155.37 | 6570.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |

# Strata Directional Technology, LLC.

## Planning Report

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | XTO Energy, Inc. | **Date:** 2/3/2009 | **Time:** 12:10:46 | **Page:** | 3 |
| **Field:** | Uintah County, UT | **Co-ordinate(NE) Reference:** | Well: 37-23E, True North | | |
| **Site:** | RBU 37-23E | **Vertical (TVD) Reference:** | 5267'GL + 22'KB 5289.0 | | |
| **Well:** | 37-23E | **Section (VS) Reference:** | Well (0.00N,0.00E,155.37Azi) | | |
| **Wellpath:** | Original Hole | **Plan:** | Plan #1 | | |

**Survey**

| MD ft | Incl deg | Azim deg | TVD ft | +N/-S ft | +E/-W ft | VS ft | DLS deg/100ft | Build deg/100ft | Turn deg/100ft | Tool/Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| 6800.00 | 0.00 | 155.37 | 6670.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6900.00 | 0.00 | 155.37 | 6770.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 6988.19 | 0.00 | 155.37 | 6859.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Uteland Buttes |
| 7000.00 | 0.00 | 155.37 | 6870.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7100.00 | 0.00 | 155.37 | 6970.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7200.00 | 0.00 | 155.37 | 7070.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7300.00 | 0.00 | 155.37 | 7170.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7400.00 | 0.00 | 155.37 | 7270.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7500.00 | 0.00 | 155.37 | 7370.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7600.00 | 0.00 | 155.37 | 7470.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7700.00 | 0.00 | 155.37 | 7570.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7770.19 | 0.00 | 155.37 | 7641.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | Mesaverde |
| 7800.00 | 0.00 | 155.37 | 7670.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 7900.00 | 0.00 | 155.37 | 7770.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8000.00 | 0.00 | 155.37 | 7870.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8100.00 | 0.00 | 155.37 | 7970.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8200.00 | 0.00 | 155.37 | 8070.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8300.00 | 0.00 | 155.37 | 8170.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8400.00 | 0.00 | 155.37 | 8270.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8500.00 | 0.00 | 155.37 | 8370.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8600.00 | 0.00 | 155.37 | 8470.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8700.00 | 0.00 | 155.37 | 8570.81 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | |
| 8807.19 | 0.00 | 155.37 | 8678.00 | -858.00 | 393.35 | 943.87 | 0.00 | 0.00 | 0.00 | PBHL |

**Targets**

| Name | Description Dip. | Dir. | TVD ft | +N/-S ft | +E/-W ft | Map Northing ft | Map Easting ft | <---- Latitude ----> Deg Min Sec | <--- Longitude ---> Deg Min Sec |
|---|---|---|---|---|---|---|---|---|---|
| Surface | | | 0.00 | 0.00 | 0.00 | 7149995.54 | 2129272.78 | 39 56 7.670 N | 109 45 23.300 W |
| RBU 19-23E | | | 0.00 | 27.32 | -29.60 | 7150022.28 | 2129242.66 | 39 56 7.940 N | 109 45 23.680 W |
| RBU 21-23E | | | 0.00 | 14.17 | -14.80 | 7150009.42 | 2129257.71 | 39 56 7.810 N | 109 45 23.490 W |
| RBU 5-23E (Approx.) | | | 0.00 | -60.00 | -44.94 | 7149934.68 | 2129229.02 | 39 56 7.077 N | 109 45 23.877 W |
| PBHL -Plan hit target | | | 8678.00 | -858.00 | 393.35 | 7149145.37 | 2129682.78 | 39 55 59.190 N | 109 45 18.250 W |

**Casing Points**

| MD ft | TVD ft | Diameter in | Hole Size in | Name |
|---|---|---|---|---|
| 2161.58 | 2100.00 | 9.625 | 12.250 | 9 5/8" |
| 8807.19 | 8678.00 | 5.500 | 7.875 | 5 1/2" |

**Formations**

| MD ft | TVD ft | Formations | Lithology | Dip Angle deg | Dip Direction deg |
|---|---|---|---|---|---|
| 1307.41 | 1281.00 | Green River | | 0.00 | 0.00 |
| 2170.97 | 2109.00 | Mahogany Bench Mbr. | | 0.00 | 0.00 |
| 4315.19 | 4186.00 | Wasatch Tongue | | 0.00 | 0.00 |
| 4678.19 | 4549.00 | Green River Tongue | | 0.00 | 0.00 |
| 4830.19 | 4701.00 | Wasatch | | 0.00 | 0.00 |
| 5251.19 | 5122.00 | Chapita Wells | | 0.00 | 0.00 |
| 6988.19 | 6859.00 | Uteland Buttes | | 0.00 | 0.00 |
| 7770.19 | 7641.00 | Mesaverde | | 0.00 | 0.00 |

# XTO ENERGY, INC.
## RBU #19-23E, #21-23E & #37-23E
## SECTION 23, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE PROPOSED LOCATION.

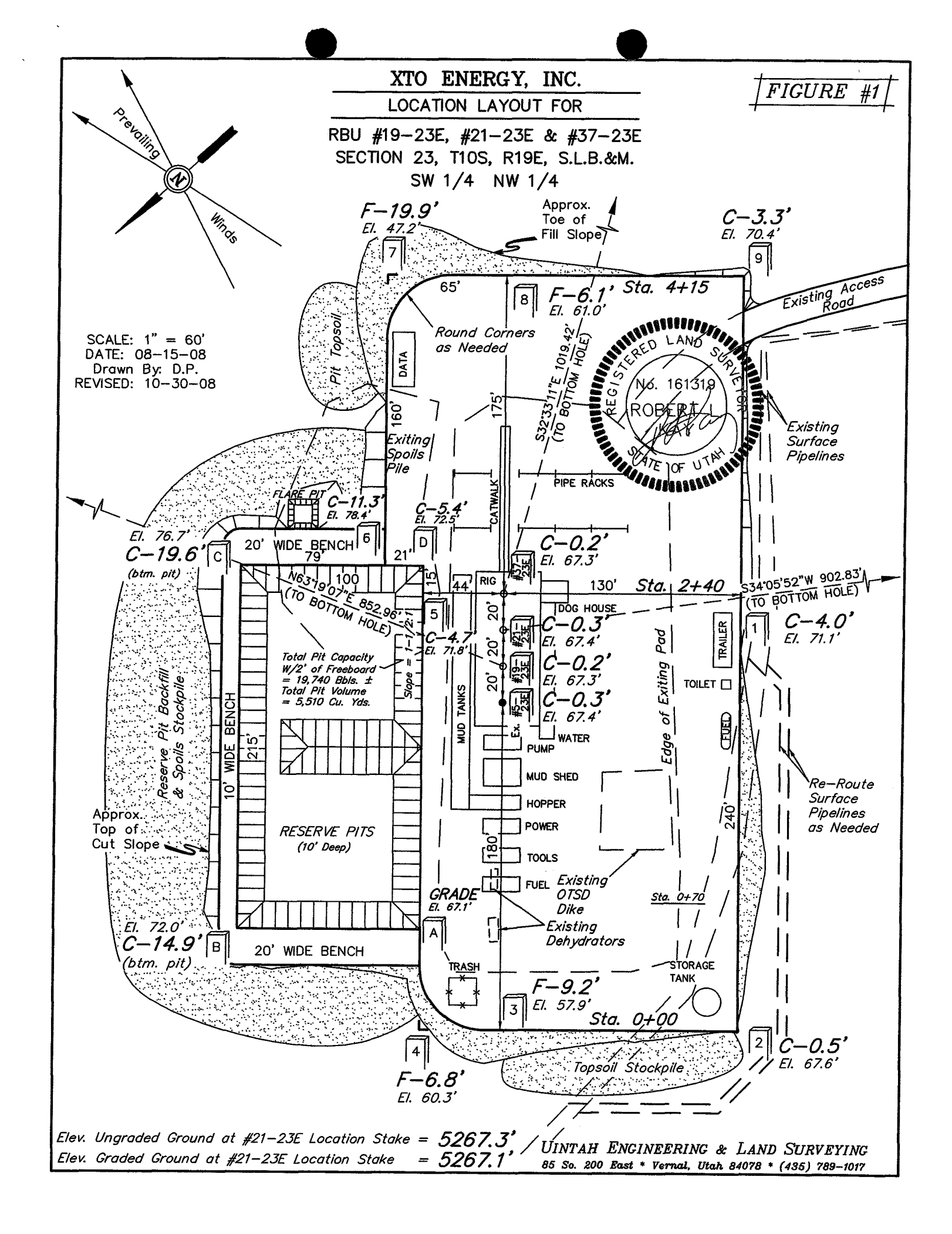
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.6 MILES.

# XTO ENERGY, INC.

## LOCATION LAYOUT FOR

RBU #19-23E, #21-23E & #37-23E
SECTION 23, T10S, R19E, S.L.B.&M.
SW 1/4 NW 1/4

FIGURE #1




Elev. Ungraded Ground at #21-23E Location Stake = 5267.3'
Elev. Graded Ground at #21-23E Location Stake = 5267.1'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# XTO ENERGY, INC.

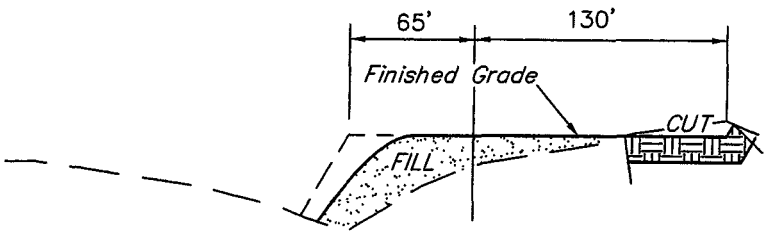
## TYPICAL CROSS SECTIONS FOR

RBU #19-23E, #21-23E & #37-23E
SECTION 23, T10S, R19E, S.L.B.&M.
SW 1/4 NW 1/4

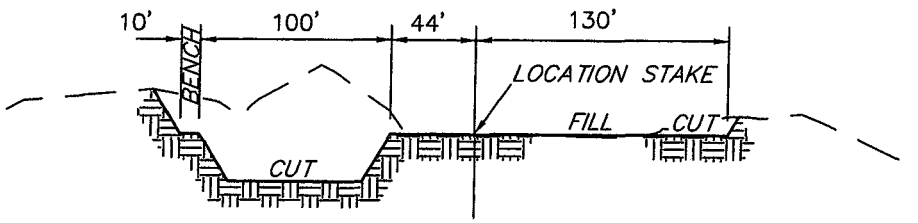
FIGURE #2

1" = 40'
X-Section Scale
1" = 100'

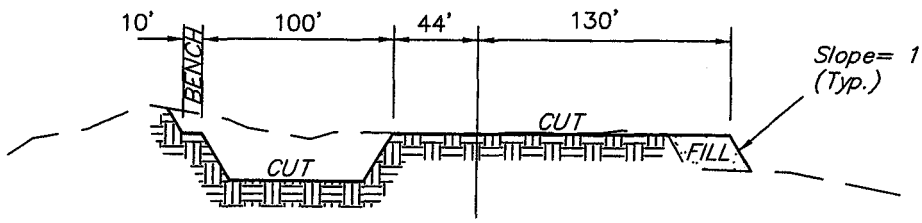
DATE: 08-15-08
Drawn By: D.P.



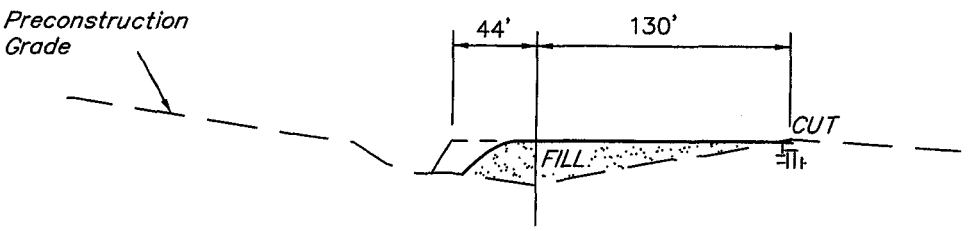

STA. 4+15




STA. 2+40




STA. 0+70




STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE ACREAGES

NEW CONST. DISTURBANCE = ± 2.086 ACRES
EX. WELL SITE DISTURBANCE = ± 1.114 ACRES
TOTAL = ± 3.200 ACRES

### APPROXIMATE YARDAGES

CUT

| | |
|---|---|
| (6") Topsoil Stripping (New Construction Only) | = 1,180 Cu. Yds. |
| Remaining Location | = 8,980 Cu. Yds. |
| TOTAL CUT | = 10,160 CU. YDS. |
| FILL | = 6,220 CU. YDS. |

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

| | |
|---|---|
| EXCESS MATERIAL | = 3,940 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = 3,940 Cu. Yds. |
| EXCESS UNBALANCE (After Interim Rehabilitation) | = 0 Cu. Yds. |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# XTO ENERGY, INC.

## RBU #19-23E, #21-23E & #37-23E

**LOCATED IN UINTAH COUNTY, UTAH**
**SECTION 23, T10S, R19E, S.L.B.&M.**

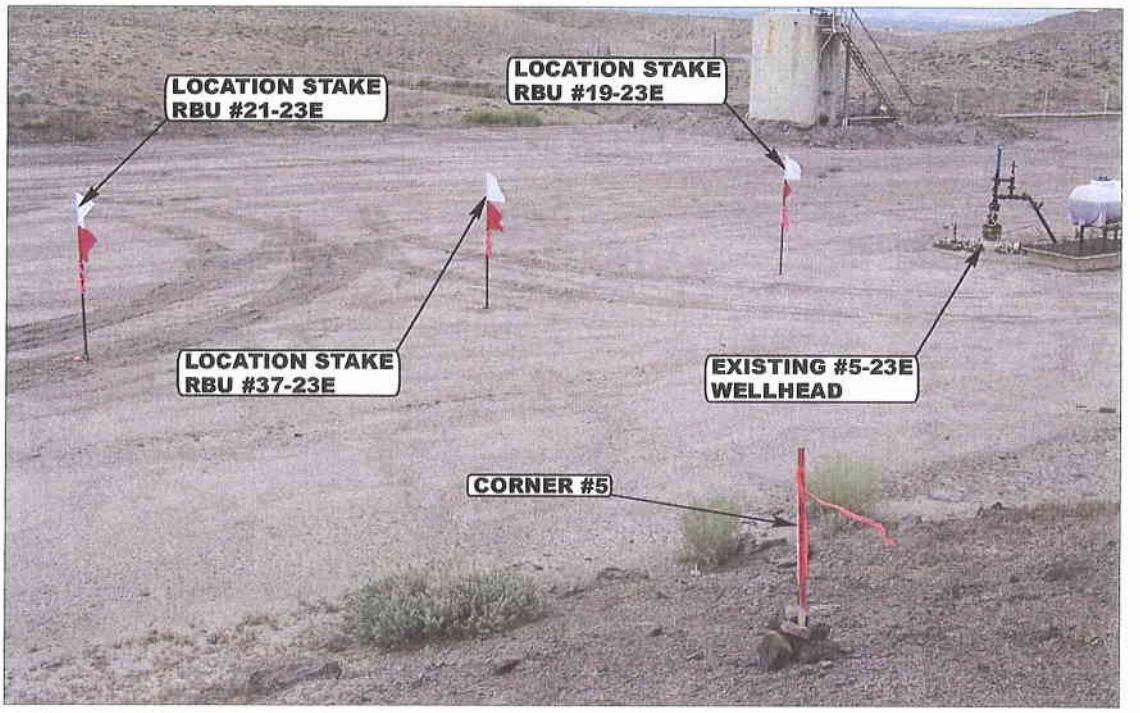
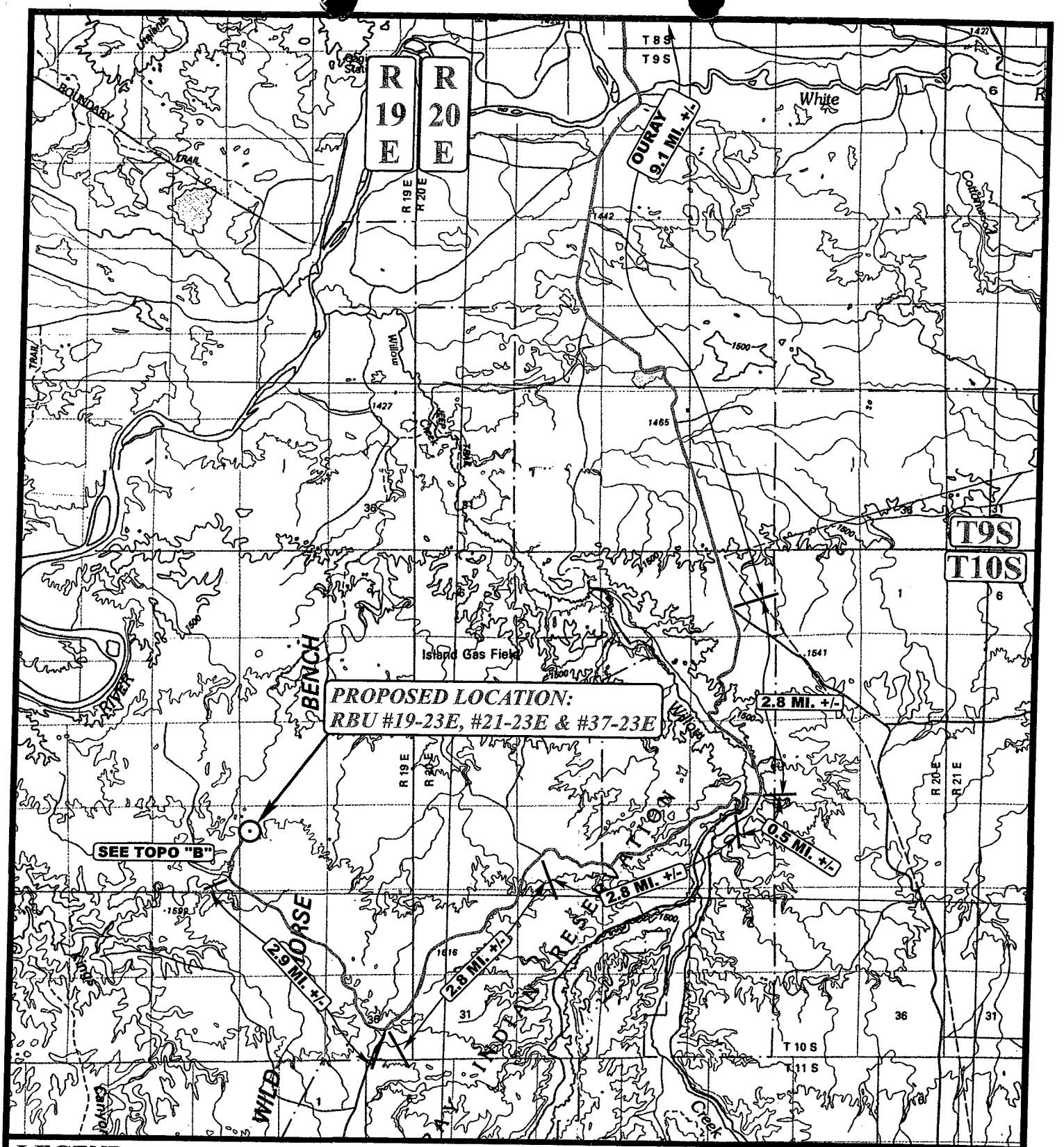



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES** **CAMERA ANGLE: SOUTHWESTERLY**


**PHOTO: VIEW OF EXISTING ACCESS** **CAMERA ANGLE: NORTHEASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

| LOCATION PHOTOS | 08 MONTH | 18 DAY | 08 YEAR | PHOTO |
|---|---|---|---|---|
| TAKEN BY: B.B.. | DRAWN BY: D.P. | REVISED: 00-00-00 | | |




## LEGEND:

⊙ PROPOSED LOCATION

N

## XTO ENERGY, INC.

RBU #19-23E, #21-23E & #37-23E
SECTION 23, T10S, R19E, S.L.B.&M.
SW 1/4 NW 1/4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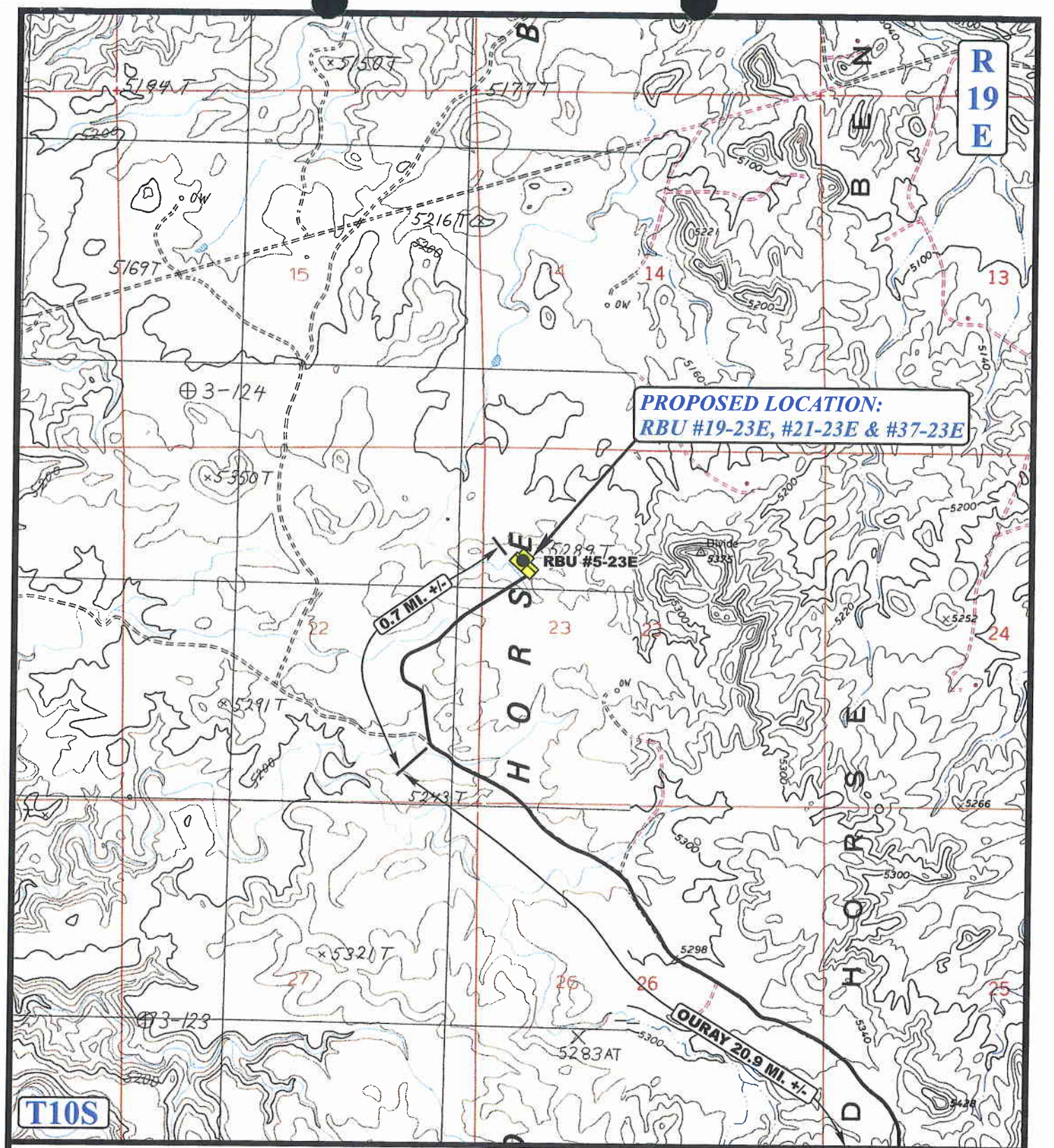
| TOPOGRAPHIC MAP | 08 MONTH | 18 DAY | 08 YEAR |
|---|---|---|---|
| SCALE: 1 : 100,000 | DRAWN BY: D.P. | REVISED: 00-00-00 | A TOPO |




**LEGEND:**

EXISTING ROAD

N

**XTO ENERGY, INC.**

**RBU #19-23E, #21-23E & #37-23E**
**SECTION 23, T10S, R19E, S.L.B.&M.**
**SW 1/4 NW 1/4**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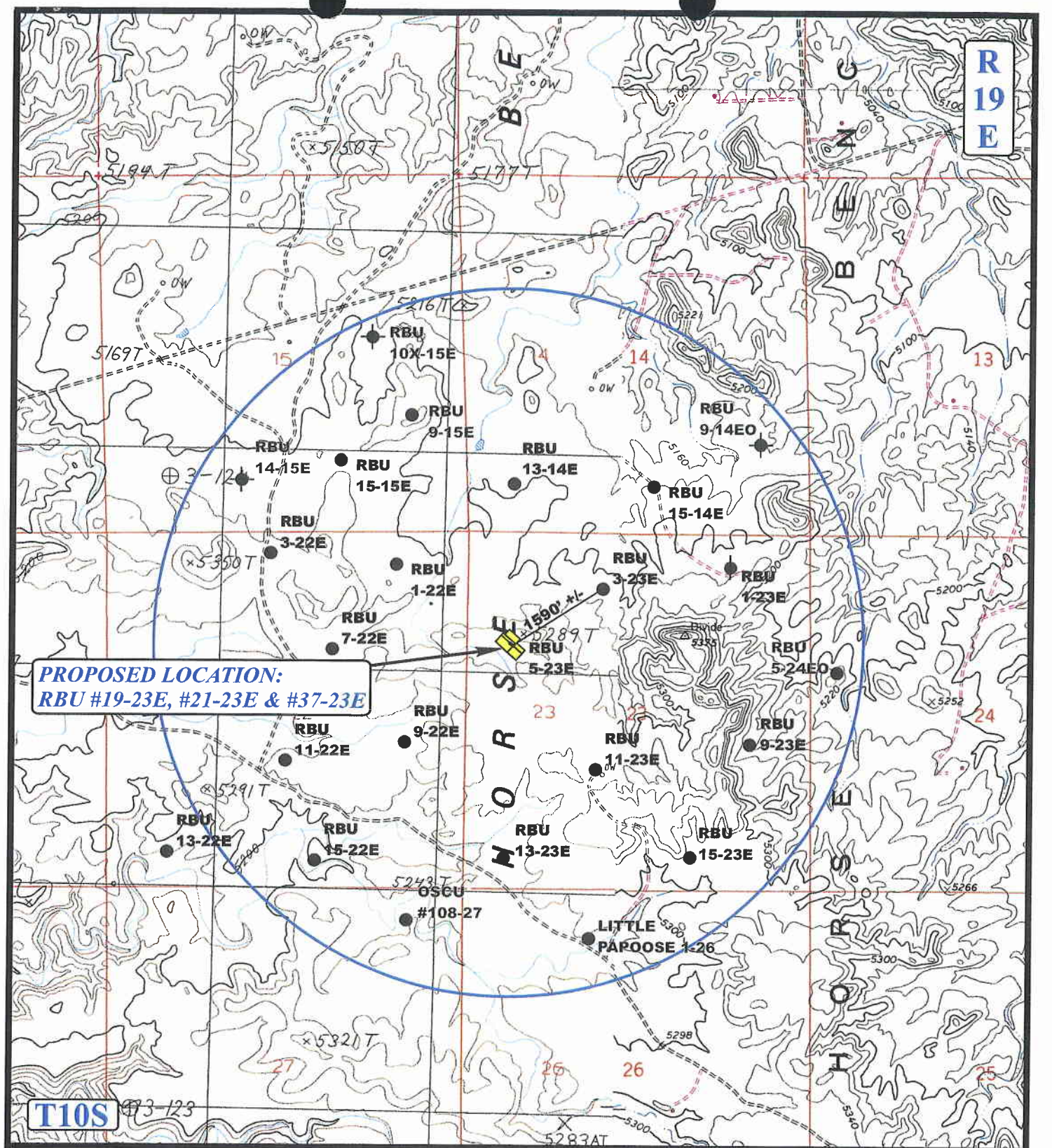
| TOPOGRAPHIC MAP | 08 MONTH | 18 DAY | 08 YEAR | B TOPO |
|---|---|---|---|---|
| SCALE: 1" = 2000' | DRAWN BY: D.P. | REVISED: 00-00-00 | | |




## LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

## XTO ENERGY, INC.

RBU #19-23E, #21-23E & #37-23E
SECTION 23, T10S, R19E, S.L.B.&M.
SW 1/4 NW 1/4


Uintah Engineering & Land Surveying
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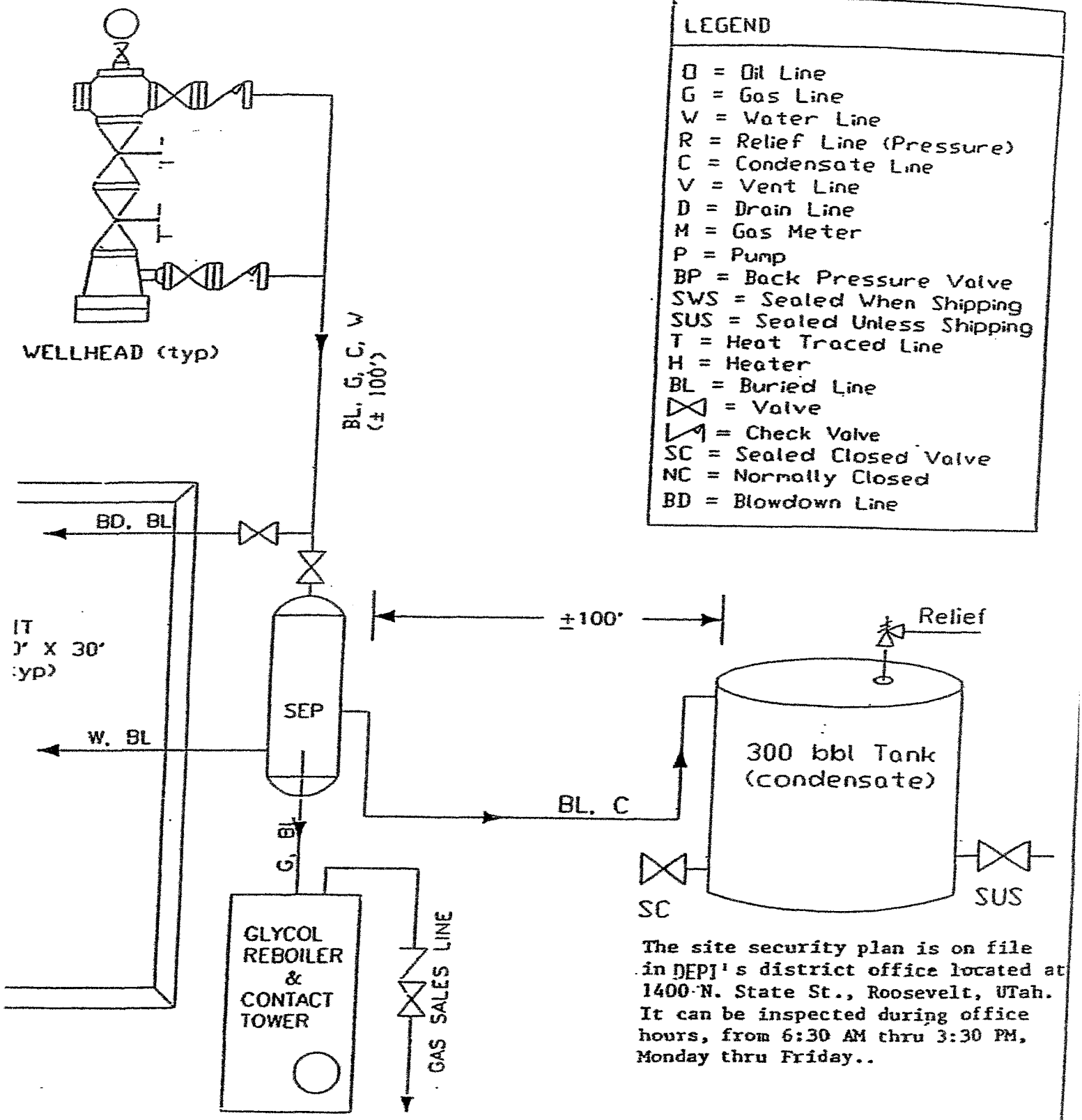
(435) 789-1017 * FAX (435) 789-1813


TOPOGRAPHIC MAP | 08 MONTH | 18 DAY | 08 YEAR

SCALE: 1" = 2000' | DRAWN BY: D.P. | REVISED: 00-00-00

C TOPO




The site security plan is on file in DEPJ's district office located at 1400 N. State St., Roosevelt, UTah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

# BOP Equipment

3000psi WP

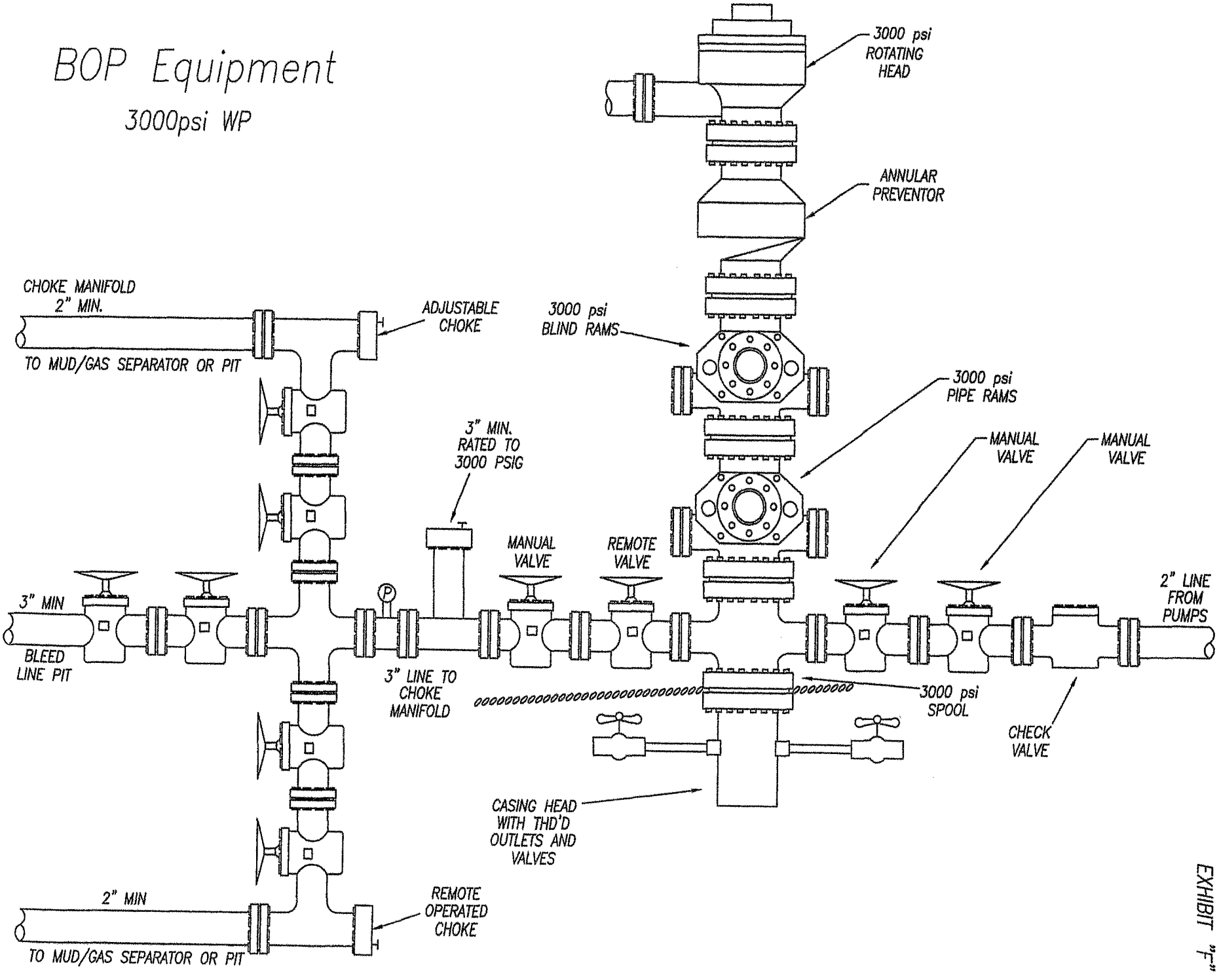



EXHIBIT "F"

# XTO Energy,Inc.;
# Infield Drilling Program:
# A Cultural Resource Inventory for
# RBU #37-23E infield well
# its access and pipeline,
# Uintah County, Utah.

By
James A. Truesdale

James A. Truesdale
Principal Investigator

Prepared For
XTO Energy, Inc.
1400 North State Street
Roosevelt, Utah
84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-08-AY-988b

December 12, 2008

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## List of Tables

## Introduction

An Independent Archaeologist (AIA) was contacted by a representative of XTO Energy, Inc., to conduct a cultural resources investigation for the infield RBU #37-23E well, its access and pipeline. The proposed well pad is located in Section 23 of T10S R19E (Figure 1).

The proposed RBU #37-23E well centerstake's footage is 1700' FNL, 654' FWL. The proposed RBU #37-23E well will be directionally drilled from the existing RBU #5-23E well pad. The proposed RBU #37-23E well centerstake is located, from north 134 degrees southeast, 11 m (36.08 feet) from the existing RBU #5-23E well head. In addition, the RBU #37-23E well's proposed access and pipeline is the existing road and pipeline associated with the existing RBU #5-23E well pad.

The proposed RBU #37-23E well is part of XTO Energy, Inc.'s infield drilling program. In addition to the RBU #37-23E well, two additional infield wells (RBU #21-23E and RBU #19-23E) will be directionally drilled from the existing RBU #5-23E well pad. The proposed XTO Energy, Inc.'s proposed infield drilling program involves fifty (n=50) wells. The location of these fifty infield well are located in Sections 13, 14, 16, 22, 23 and 24 of T10S R19E, and Sections 18 and 19, T10S, R20E Uintah County, Utah (Figure 2).

The fifty (n=50) proposed infield wells will be directionally drilled from twenty-nine (n=29) existing well pads in the River Bend Unit on the northern portion of Wild Horse Bench. A list of the existing wells with their proposed wells, legal location, land ownership and Utah SHPO project numbers can be found in Table 1. In addition, the fifty (n=50) well's proposed access and pipelines are the existing oil and gas field service roads (access) and pipelines associated with the existing wells that the proposed wells will be directional drilled from. A similar project of this nature was conducted in the River Bend Unit in 2006 by AIA for Dominion Exploration and Production, Inc. (Truesdale 2006).

The land in Section 23 of T10S R19E is administered by the United States, Utah Bureau of Land Management, Vernal Field Office. The fieldwork was conducted on October 20 to 25 and November 17 to 18, 2008 by AIA archaeologists James Truesdale and David V. Hill (AIA staff archaeologist). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

## File Search

A GIS map search was conducted by the Office of the Utah Division of State History (UDSH), Antiquities Section, Records Division on October 16 and November 13, 2008. An additional file

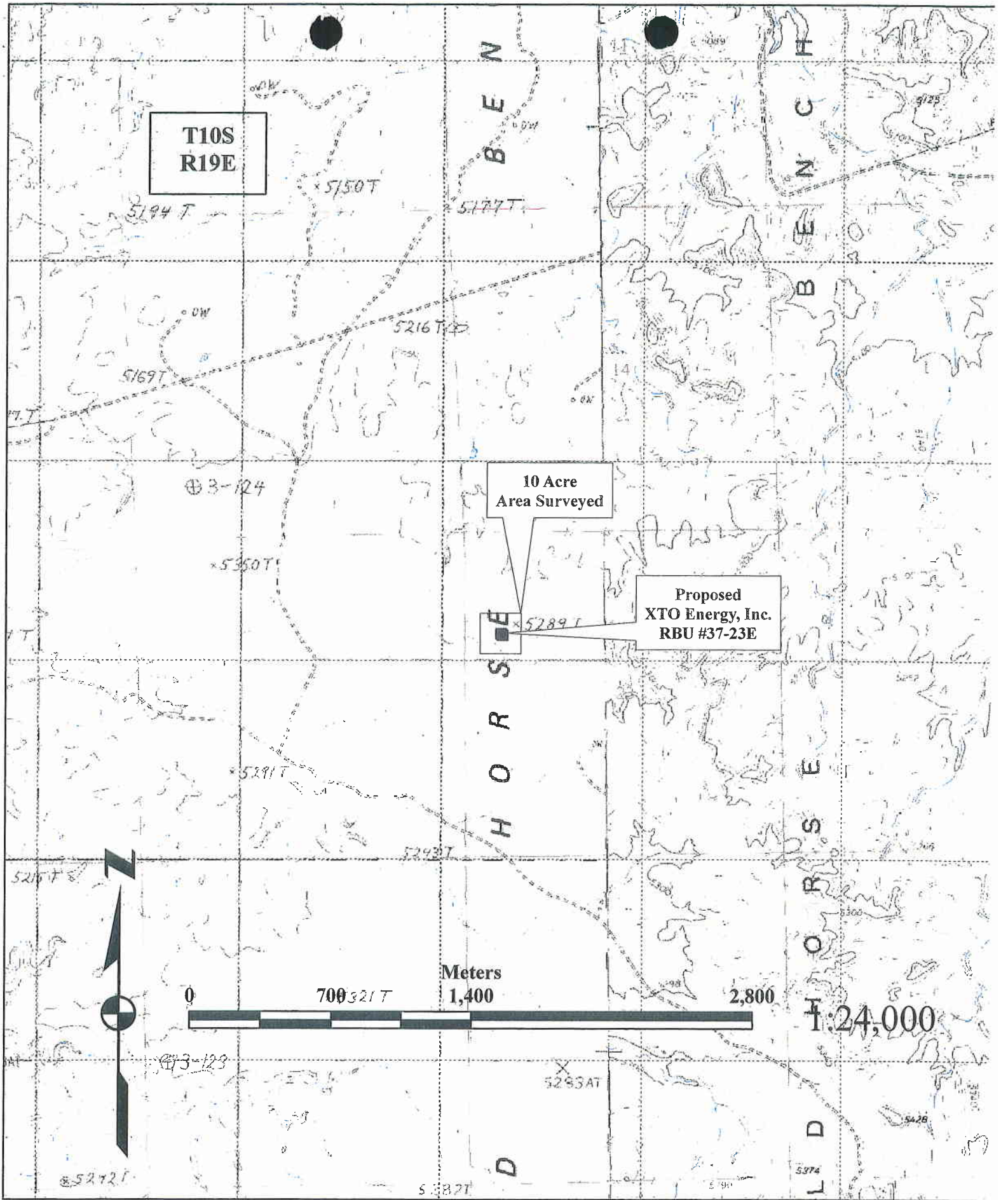


**Figure 1. Location of the XTO Energy, Inc.'s proposed infield #37-23E well on 7.5' USGS quadrangle maps (1985) Moon Bottom and (1968) Big Pack Mountain NW, Uintah County, Utah.**

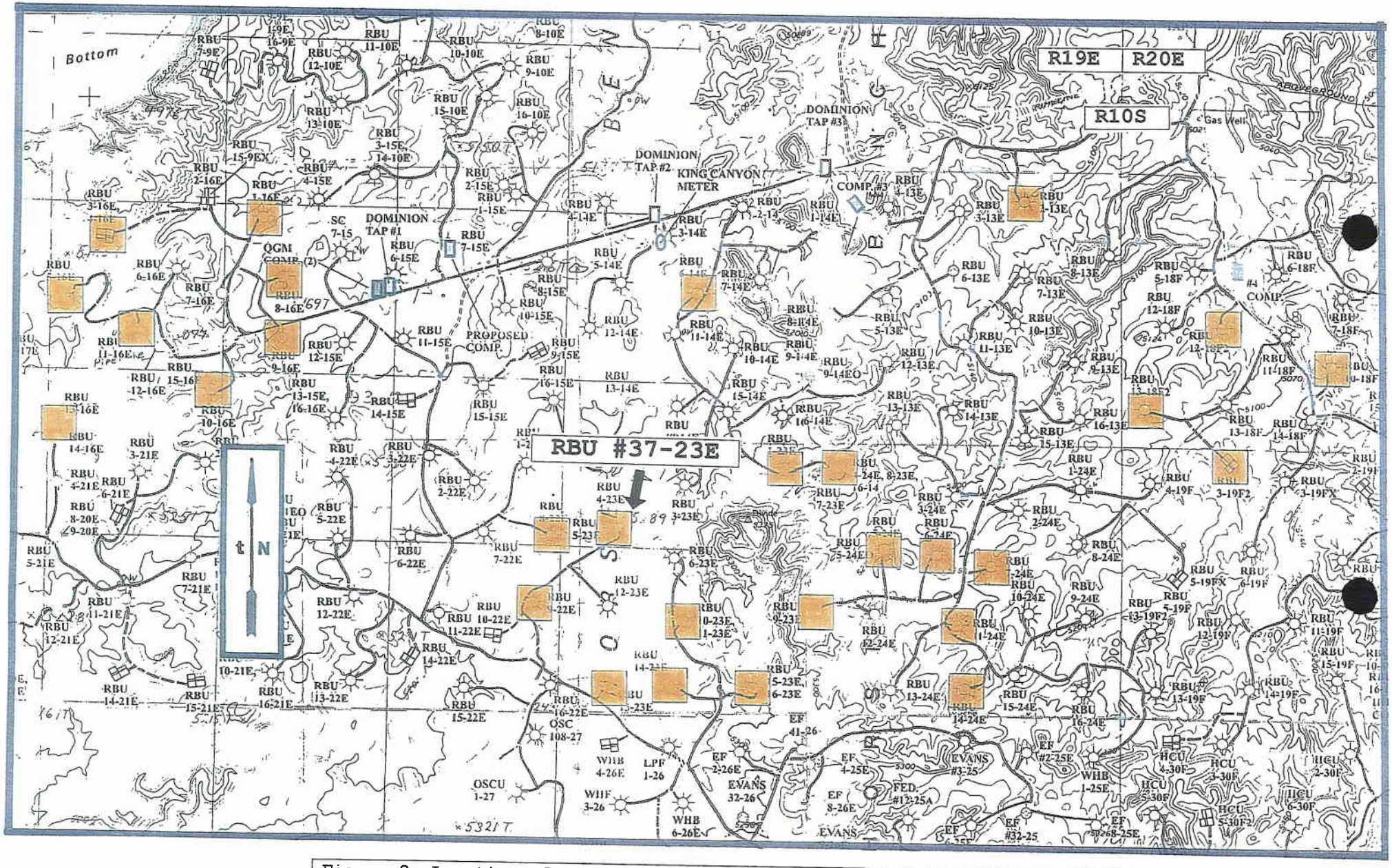


Figure 2. Location of the XTO Energy, Inc. Infield Drilling Program's proposed fifty (n=50) wells located on twenty-nine (n-29) existing wells and the proposed RBU #37-23E on 7.5' USGS quadrangle maps (1968)Big Pack Mountain and (1985)Moon Bottom, Uintah County, Utah.

Table 1. List of the existing wells with their proposed wells, legal location (Section, Township and Range), surface land ownership, and associated Utah SHPO project numbers.

| Existing Well | Proposed Well | Section | Township & Range | Surface Land Ownership | Utah SHPO Project # |
|---|---|---|---|---|---|
| RBU #10-18F | RBU #46-18F | 18 | T10S R20E | BLM | U-08-AY-1013b |
| RBU #12-18F | RBU #44-18F | 18 | T10S R20E | BLM | U-08-AY-1011b |
| | RBU #43-18F | | | | U-08-AY-1012b |
| RBU #13-18F2 | RBU #45-18F | 18 | T10S R20E | BLM | U-08-AY-1010b |
| RBU # 2-13E | RBU #18-13F | 13 | T10S R19E | BLM | U-08-AY- 974b |
| RBU # 7-24E | RBU #23-24E | 24 | T10S R19E | BLM | U-08-AY- 966b |
| RBU # 6-24E | RBU #22-24E | 24 | T10S R19E | BLM | U-08-AY- 972b |
| RBU #11-24E | RBU #26-24E | 24 | T10S R19E | BLM | U-08-AY- 970b |
| | RBU #27-24E | | | | U-08-AY- 968b |
| | RBU #46-24E | | | | U-08-AY- 971b |
| | RBU #28-24E | | | | U-08-AY- 969b |
| RBU #14-24E | RBU #30-24E | 24 | T10S R19E | BLM | U-08-AY- 967b |
| RBU # 9-23E | RBU #24-23E | 23 | T10S R19E | BLM | U-08-AY- 980b |
| | RBU #32-23E | 23 | T10S R19E | BLM | U-08-AY- 981b |
| RBU # 5-24E | RBU #21-23E | 23 | T10S R19E | BLM | U-08-AY- 973b |
| RBU # 8-23E | RBU #17-23E | 23 | T10S R19E | BLM | U-08-AY- 983b |
| RBU # 1-23E | RBU #31-14E | 23 | T10S R29E | BLM | U-08-AY- 976b |
| RBU # 6-14E | RBU #26-14E | 14 | T10S R19E | BLM | U-08-AY- 975b |
| RBU # 8-22E | RBU #17-22E | 22 | T10S R19E | BLM | U-08-AY- 977b |
| | RBU #24-22E | | | | U-08-AY- 978b |
| RBU # 5-23E | RBU #21-23E | 23 | T10S R19E | BLM | U-08-AY- 987b |
| | RBU #37-23E | | | | U-08-AY- 988b |
| | RBU #19-23E | | | | U-08-AY- 986b |
| RBU #13-23E | RBU #28-23E | 23 | T10S R19E | BLM | U-08-AY- 982b |
| RBU #14-23E | RBU #44-23E | 23 | T10S R19E | BLM | U-08-AY- 979b |
| RBU #16-23E | RBU #25-23E | 23 | T10S R19E | BLM | U-08-AY- 984b |
| | RBU #31-23E | | | | U-08-AY- 985b |
| RBU #10-23E | RBU #23-23E | 23 | T10S R19E | BLM | U-08-AY- 989b |
| | RBU #30-23E | | | | U-08-AY- 990b |
| RBU # 9-16E | RBU #32-16E | 16 | T10S R19E | SITLA | U-08-AY-1002s |
| | RBU #29-15E | | | | U-08-AY-1007bs |
| | RBU #28-15E | | | | U-08-AY-1006bs |
| RBU # 8-16E | RBU #25-16E | 16 | T10S R19E | SITLA | U-08-AY-1001s |
| RBU # 1-16E | RBU #20-15E | 16 | T10S R19E | SITLA | U-AY-08-1008bs |
| | RBU #17-16E | | | | U-08-AY- 995s |
| | RBU #24-16E | | | | U-08-AY- 994s |
| RBU #10-16E | RBU #41-16E | 16 | T10S R19E | SITLA | U-08-AY- 998s |
| | RBU #15-16EX | 16 | T10S R19E | SITLA | U-08-AY- 996s |
| | RBU #31-16E | 16 | T10S R19E | SITLA | U-08-AY- 997s |
| RBU #11-16E | RBU #14-16ER | 16 | T10S R19E | SITLA | U-08-AY- 999s |
| | RBU #42-16E | | | | U-08-AY-1000s |
| RBU # 5-16E | RBU #38-16E | 16 | T10S R19E | SITLA | U-08-AY- 991s |
| | RBU #28-16E | | | | U-08-AY- 993s |
| | RBU #21-16E | | | | U-08-AY- 992s |
| RBU # 4-16E | RBU #19-16E | 16 | T10S R19E | SITLA | U-08-AY-1003s |
| RBU #13-16E | RBU #29-16E | 16 | T10S R19E | SITLA | U-08-AY-1004s |
| | RBU #30-16E | | | | U-08-AY-1005s |
| | RBU #17-20E | | | SITLA | U-08-AY-1009bs |
| RBU # 9-22E | RBU #26-22E | 22 | T10S R20E | BLM | U-08-AY-1122b |
| RBU # 3-19F2 | RBU #36-19F | 19 | T10S R20E | BLM | U-08-AY-1121b |

search was conducted at the Vernal BLM office in October 2008 by the author. An update of AIA's USGS 7.5'/1985 Moon Bottom, Big Pack Mountain NW quadrangle maps from the UDSH's Moon Bottom, Big Pack Mountain NW quadrangle base maps occurred on November 8, 2003 and again on February 3, 2004.

The UDSH GIS search indicated that eight (n=8) projects (U-98-AF-366, U-00-AF-460, U-00-AY-730, U-00-AY-803, U-02-AY-254, U-03-AY-345, U-03-AY-382 and U-06-AY-1319) had been previously conducted in Section 23 of T10S R19E. The UDSH GIS search indicated that no cultural resource sites had been previously recorded in Section 23 of T10S R19E.

Environment

Physiographically, the project is located in the River Bend Unit located on the northern portion of the Wild Horse Bench in the Uinta Basin, 12 miles south of Ouray, Utah. The Uinta Basin is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The Uinta Basin is a large, relatively flat, bowl shaped, east-west asymmetrical syncline near the base of the Uinta Mountains. The topography is characteristic of sloping surfaces that incline northward and are mainly dip slopes on the harder layers of Green River and Uinta Formations (Stokes 1986). A thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks are exposed (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluviatile, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The immediate project area is situated on high desert hills and benches about ½ to 3 miles east of the Green River. The area is characterized as having steep ridges and/or buttes of thick Uinta Formation sandstone, with layers of clays and shales. The hills, ridges and buttes are dissected by several steep ephemeral drainage washes with wide flat alluvial plains. Portions of the desert hardpan and bedrock are covered with various sizes of residual angular to tabular pieces of eroding sandstone, clay and shale. Many of the higher hills and ridges exhibit ancient terrace (pediment) surfaces containing pebble and cobble gravel. Some of these pebbles and cobbles exhibit a dark brown to black desert varnish (patination). In addition, many of the hills and ridge slopes are covered with aeolian sand that may reach a depth of 100 to 150 cm.

Vegetation in the River Bend Unit area is characteristic of a low sagebrush community with shadscale and greasewood. Species observed in the project area include; big sagebrush (Artemesia tridentata), shadscale (Atriplex confertifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus),

winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), wild buckwheat, Erigonum ovalifolium), desert trumpet (Erigonum inflatum), Indian rice grass (Oryzopsis hymenoides), western wheatgrass (Agropyron smithii), spiked wheatgrass (Agropyron sp.), crested wheatgrass (Agropyron cristatum), June grass (Koeleria cristata), cheat grass (Bromus tectorum), desert globemallow (Bromus tectorum), lupine (Lupinus sp.), larkspur (Delphinium sp.), Indian paintbrush (Castilleja chromosa), peppergrass (Lepidium perfoliatum), scalloped phacelia (Phacelia intergrifolian), birdscage evening primrose (Oenothera deltoides), Russian thistle (Salsola kali), Russian knapweed (Centaurea repens), and prickly pear cactus (Opuntia sp.). In addition, a riparian community dominated by cottonwood (Populas sp.), willow (Salix sp.), and salt cedar (tamerix) can be found along the Green River located approximately 1/2 mile west.

RBU #37-23E

The proposed infield RBU #37-23E centerstake, and existing RBU #5-23E well pad is situated in a large upland flat. Sediments surrounding the well pad are colluvial in nature. These colluvial sediments are shallow (<5 cm) and consist of poorly sorted, moderately compacted, tan to light brown, sandy clay loam mixed with small to medium sized angular pieces of sandstone. These angular pieces of sandstone exhibit a dark brown to black desert varnish (patination). Vegetation is sparse and consists of low sagebrush, budsage, rabbitbrush, saltbush, bunchgrasses, and prickly pear cactus.

Field Methods

For the XTO infield drilling program, a total of 10 acres were surveyed around the proposed well centerstakes located on the existing wells identified in Table 1. Reconnaissance of the 10 acre area surveyed around each of the original proposed wells was accomplished by walking transects spaced no more than 15 meters apart, back and forth, until the entire area has been covered. However, the previously disturbed area, associated with the construction of the existing well pad(s), within the 10 acre surveyed, may range between 3 to 5 acres. In addition, the existing well's road and pipeline corridors within the 10 acre area surveyed by AIA also may also include between .5 and 1.5 additional acres. Therefore, the total acreage surveyed around an existing well and the proposed infield well's centerstake that is undisturbed may range between 3.5 to 6.5 acres.

All of the proposed access and pipelines are existing well access roads and pipelines that are associated with the existing wells. Since the original wells have already been surveyed by previously archaeological projects, 0 block and 0 linear acres were surveyed for this project.

Conversations with Mr. Blaine Phillips (Archaeologist, Vernal District Office Utah BLM) indicated that a Class I files and literature search was adequate for the present project. However, AIA decided to conduct a on the ground reconnaissance of the areas to insure that no cultural materials would be impacted by proposed construction.

However, a brief visit to each of the existing twenty-nine (n=29) well locations was conducted by the author and an AIA staff archaeologist between October 20 to 25, and November 17 to 18, 2008. These visits were to insure that no cultural resources would be impacted by the subsequent construction of the wells involved in the XTO Energy, Inc.'s infield drilling program.

Geologic landforms (rockshelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cutbanks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary integrity and potential for the presence and/or absence of buried intact cultural deposits. All exposures of sandstone cliff faces, alcoves or rockshelters, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact was recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map and UTM coordinates are recorded.

When sites are found an Intermountain Antiquities Computer System (IMACS) form was used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) are mapped. Sites were mapped with a Brunton compass, Trimble Geophysical 3 and/or Garmin E-Trex GPS units, and pacing off distances from a mapping station (datum, PVC with aluminum tag). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and so on. Selected (mostly complete) stone tools and projectile points are drawn and measured. All features (rockart panel(s), hearths, foundations, trash dumps and trails) are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a Trimble GeoExplorer 3 Global Positioning System (GPS) and Garmin GPS III Plus and/or a

E-Trex GPS. Site elevation and Universal Transverse Mercator (UTM) grid data, its Estimated Position Error (EPE) and Dilution of Precision (DOP) were recorded. Using the GPS data, the site location was then placed on a USGS 7.5' quadrangle map.

Results

A Class III cultural resource survey and inventory was conducted around the proposed RBU #37-23E centerstake and existing RBU #5-23E well pad, its access and pipeline. No cultural resources were recorded.

Approximately 3.5 to 4 acres of area has been previously disturbed by the construction of the existing RBU #5-23E well pad, its access and pipeline.

A Class I files and literature search was conducted by AIA for the XTO Energy, Inc.'s proposed fifty (n=50) infield drilling program wells. These proposed fifty (n=50) wells will be directionally drilled from twenty-nine (n=29) existing well pads in the River Bend Unit on Wild Horse Bench.

A brief Class III survey and inventory of each of the twenty-nine infield drilling locations was conducted to insure that subsequent construction of the well pads would not impact any cultural resources (sites, isolates). An approximate total of between 145 and 174 undisturbed acres were surveyed for the XTO Energy, Inc.'s infield drilling program.

A moderate scatter of modern trash (plastic bottles, sanitary food cans, miscellaneous metal, wire, green, brown and clear glass bottles and bottle fragments, foam insulation, etc.) can be found on and surrounding the existing well pads and along the existing oil and gas field service roads in the River Bend Unit and Wild Horse Bench area. This modern trash is less than fifty years of age and subsequently does not meet the National Register's age criterion (>50 years of age).

Recommendations

A Class III cultural resource survey and inventory was conducted around the proposed RBU #37-23E centerstake and existing RBU #5-23E well pad, its access and pipeline. No cultural resources were recorded.

Approximately 3.5 to 4 acres of area has been previously disturbed by the construction of the existing RBU #5-23E, its access and pipeline.

A Class I files and literature search was conducted by AIA for the XTO Energy, Inc.'s proposed fifty (n=50) infield drilling

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No additional cultural resources (historic properties, isolates) were recorded during the archaeological investigations (survey) of the area around the existing RBU #5-23E well pad and the proposed RBU #37-23E centerstake. Therefore, no additional archaeological work is necessary and clearance is recommended for the construction of the RBU #37-23E well.

## REFERENCES CITED


Childs, O.E.
1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, No. 5:49-59.

Stokes, William D.
1986 Geology of Utah. Contributions by the Utah Museum of Natural History, and the Utah Geological and Mineral Survey Department of Natural Resources. Utah Museum of Natural History, Occasional Papers, No. 6.

Thornbury, William D.
1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.

Truesdale, James A., Kathleen E Hiatt, and Clifford Duncan
1995 Cultural Resource Inventory of the Proposed Ouray Gravel Pit Location, Uintah-Ouray Ute Reservation, Uintah County, Utah. Report prepared for U & W Construction, Ft. Duchesne, Utah by AIA, Laramie, Wyoming.

Truesdale, James A.
2006 Dominion Exploration & Production, Inc. Twenty Acre Infield Drilling Program: A Cultural Resource Inventory for Thirty-Three (n=33) wells, their access and pipelines, Uintah County, Utah. Report prepared for DEPI by AIA. Manuscript is on file at the AIA office in Laramie, Wyoming. Utah project number U-06-AY-1139b.

# PALEONTOLOGY EVALUATION SHEET

**PROJECT: XTO Energy, Inc. - Well RBU #19-23E, 21-23E, & 37-23E**
**(Existing well locations #5-23E)**

**LOCATION:** Twelve miles south-southwest of Ouray, Utah. Section 23, SW ¼ NW ¼ , T10S, R19E, S.L.B.&M.

**OWNERSHIP:** PRIV[ ] STATE[ ] BLM[ X ] USFS[ ] NPS[ ] IND[ ] MIL[ ] OTHER[ ]

**DATE:** October 23, 2008

**GEOLOGY/TOPOGRAPHY:** Uinta Formation, lower part, Eocene Age. The well is on an existing well pad and will expand on all sides.

**PALEONTOLOGY SURVEY:** YES [ ] NO Survey [ ] PARTIAL Survey [ X ]
A pedestrian survey was performed on the expanded portion around the well location.

**SURVEY RESULTS:** Invertebrate [ ] Plant [ ] Vertebrate [ X ] Trace [ ] No Fossils Found [ ]
Found one isolated, weathered turtle shell fragment near the existing road.

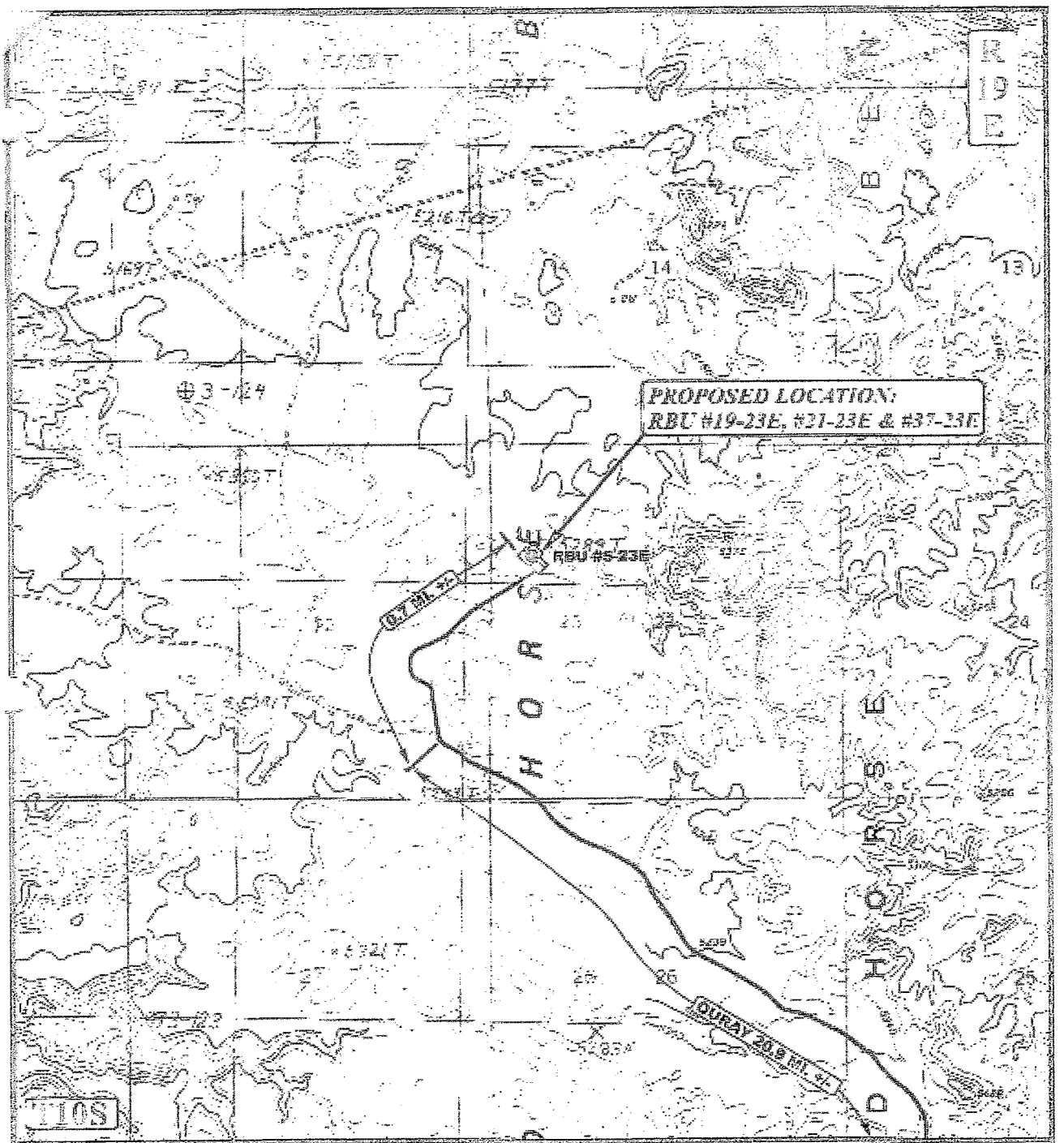
**PALEONTOLOGY SENSITIVITY:** HIGH [ ] MEDIUM [ x ] LOW [ x ] (PROJECT SPECIFIC)

**MITGATION RECOMMENDATIONS:** NONE [ X ] OTHER [ ] (SEE BELOW)

No recommendations are being made for this well location.

There is always some potential for discovery of significant paleontological resources in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

**PALEONTOLOGIST:** Alden H. Hamblin
*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355*
Utah State Paleontological Permit # 07-355, BLM paleontological Resources Permit # UT08-003C.
Utah Professional Geologist License – 5223011-2250.




**LEGEND:**

EXISTING ROAD

N

**XTO ENERGY, INC.**

RBU #19-23E, #21-23E & #37-23E
SECTION 23, T10S, R19E, S.L.B.&M.
SW 1/4 NW 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 08 MONTH | 18 DAY | 08 YEAR

SCALE: 1" = 2000' | DRAWN BY: C.P. | REVISED: 00-00-00

B

**WORKSHEET**

**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/02/2009

API NO. ASSIGNED: 43-047-40586

WELL NAME: RBU 37-23E

OPERATOR: XTO ENERGY INC ( N2615 )

PHONE NUMBER: 505-333-3100

CONTACT: DON HAMILTON

PROPOSED LOCATION:

SWNW 23 100S 190E

SURFACE: 1713 FNL 0669 FWL

BOTTOM: 2570 FNL 1220 FWL

COUNTY: UINTAH

LATITUDE: 39.93547 LONGITUDE: -109.75567

UTM SURF EASTINGS: 606320 NORTHINGS: 4421126

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|---|---|---|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-013766

PROPOSED FORMATION: WSMVD

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB-000138 )

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-10991 )

N RDCC Review (Y/N)
(Date: )

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: RIVER BEND

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 259-01

Eff Date: 8-18-2006

Siting: 460' fr ubdry & uncomm. Tracts

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval

# API Number: 4304740586

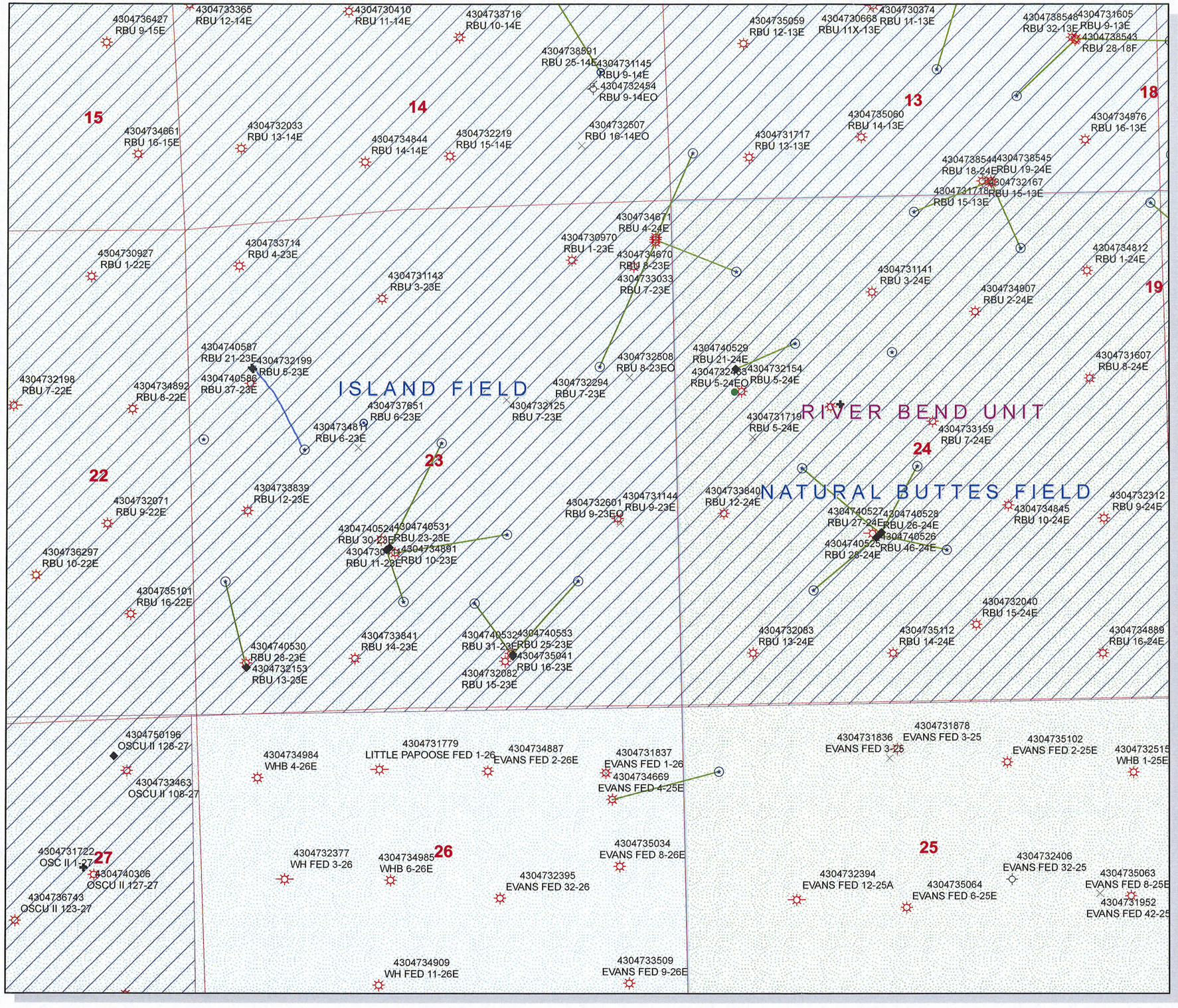
# Well Name: RBU 37-23E

**Township 10.0 S  Range 19.0 E  Section 23**

**Meridian: SLBM**

Operator: XTO ENERGY INC

Map Prepared:
Map Produced by Diana Mason




**Units**

**STATUS**
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Fields**

**STATUS**
- ACTIVE
- COMBINED
- Sections

**Wells Query Events**
- <all other values>

**GIS_STAT_TYPE**
- <Null>
- APD
- DRL
- GI
- GS
- LA
- NEW
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WD
- WI
- WS


1,400  700  0  1,400 Feet

1:12,890

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
**Utah State Office**
**P.O. Box 45155**
**Salt Lake City, Utah 84145-0155**

**IN REPLY REFER TO:**
**3160**
**(UT-922)**

March 9, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development River Bend Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the River Bend Unit, Uintah County, Utah.

| API # | WELL NAME | LOCATION |
|---|---|---|

(Proposed PZ Wasatch/MesaVerde)

43-047-40586 RBU 37-23E Sec 23 T10S R19E 1713 FNL 0669 FWL
BHL Sec 23 T10S R19E 2570 FNL 1220 FWL

43-047-40587 RBU 21-23E Sec 23 T10S R19E 1700 FNL 0654 FWL
BHL Sec 23 T10S R19E 2450 FNL 0150 FWL

43-047-40588 RBU 22-24E Sec 24 T10S R19E 2160 FNL 1726 FWL
BHL Sec 24 T10S R19E 1620 FNL 2290 FWL

43-047-40589 RBU 43-18F Sec 18 T10S R20E 2357 FSL 1963 FWL
BHL Sec 18 T10S R20E 1770 FSL 2750 FWL

43-047-40590 RBU 44-18F Sec 18 T10S R20E 2376 FSL 1956 FWL
BHL Sec 18 T10S R20E 2000 FSL 1600 FWL

43-047-40591 RBU 45-18F Sec 18 T10S R20E 0703 FSL 0466 FWL
BHL Sec 18 T10S R20E 0400 FSL 0080 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – River Bend Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-9-09

JON M. HUNTSMAN, JR.
*Governor*

GARY R. HERBERT
*Lieutenant Governor*

# State of Utah
**DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
*Executive Director*

**Division of Oil, Gas and Mining**

JOHN R. BAZA
*Division Director*

March 11, 2009

XTO Energy, Inc.
390 CR 3100
Aztec, NM 87410

Re: RBU 37-23E Well, Surface Location 1713' FNL, 669' FWL, SW NW, Sec. 23, T. 10 South, R. 19 East, Bottom Location 2570' FNL, 1220' FWL, SW NW, Sec. 23, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40586.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Field Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

**Operator:** XTO Energy, Inc.

**Well Name & Number** RBU 37-23E

**API Number:** 43-047-40586

**Lease:** UTU-013766

| | | | | |
|---|---|---|---|---|
| **Surface Location:** | SW NW | **Sec.** 23 | **T.** 10 South | **R.** 19 East |
| **Bottom Location:** | SW NW | **Sec.** 23 | **T.** 10 South | **R.** 19 East |

## Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

API Well No: 43047405860000

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** 382 Road 3100 , Aztec, NM, 87410 **PHONE NUMBER:** 505 333-3159 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start: 3/11/2011 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ DRILLING REPORT<br>Report Date: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy hereby requests a one year extension on the State permit for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** March 04, 2010

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Eden Fine | 505 333-3664 | Permitting Clerk |
| **SIGNATURE** N/A | | **DATE** 3/4/2010 |

**RECEIVED** March 04, 2010

# The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Approved by the Utah Division of Oil, Gas and Mining**

**Signature:** Eden Fine **Date:** 3/4/2010
**Title:** Permitting Clerk **Representing:** XTO ENERGY INC

**Date:** March 04, 2010
**By:** Dustin Doucet

**RECEIVED** March 04, 2010

API Well No: 43047405860000

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** 382 Road 3100 , Aztec, NM, 87410 **PHONE NUMBER:** 505 333-3159 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start: 3/11/2011 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ DRILLING REPORT<br>Report Date: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy hereby requests a one year extension on the State permit for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** March 04, 2010

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Eden Fine | 505 333-3664 | Permitting Clerk |
| **SIGNATURE** N/A | | **DATE** 3/4/2010 |

**RECEIVED** March 04, 2010

# The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Approved by the Utah Division of Oil, Gas and Mining**

**Signature:** Eden Fine **Date:** 3/4/2010
**Title:** Permitting Clerk **Representing:** XTO ENERGY INC

**Date:** March 04, 2010
**By:** Dustin Doucet

**RECEIVED** March 04, 2010

API Well No: 43047405860000

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** 382 Road 3100 , Aztec, NM, 87410

**PHONE NUMBER:** 505 333-3159 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start: 3/8/2012 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| ☐ DRILLING REPORT<br>Report Date: | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** 03/09/2011

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Krista Wilson | 505 333-3647 | Permitting Tech |
| **SIGNATURE** N/A | | **DATE** 3/8/2011 |

# The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Krista Wilson **Date:** 3/8/2011
**Title:** Permitting Tech **Representing:** XTO ENERGY INC

**RECEIVED** Mar. 08, 2011

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** 382 Road 3100 , Aztec, NM, 87410

**PHONE NUMBER:** 505 333-3145 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT Approximate date work will start: 1/30/2013 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ SPUD REPORT Date of Spud: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** February 28, 2012

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Richard L. Redus | 303 397-3712 | Regulatory |
| **SIGNATURE** N/A | | **DATE** 2/28/2012 |

RECEIVED: Feb. 28, 2012


**The Utah Division of Oil, Gas, and Mining**

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
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- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Richard L. Redus **Date:** 2/28/2012
**Title:** Regulatory **Representing:** XTO ENERGY INC

RECEIVED: Feb. 28, 2012

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

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**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** PO Box 6501 , Englewood, CO, 80155

**PHONE NUMBER:** 303 397-3727 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT<br>Approximate date work will start: 2/1/2014 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT<br>Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ SPUD REPORT<br>Date of Spud: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT<br>Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** March 04, 2013

**By:**

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Richard L. Redus | 303 397-3712 | Regulatory |
| **SIGNATURE** N/A | | **DATE** 2/28/2013 |

RECEIVED: Feb. 28, 2013

**The Utah Division of Oil, Gas, and Mining**

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

## Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Richard L. Redus **Date:** 2/28/2013
**Title:** Regulatory **Representing:** XTO ENERGY INC

RECEIVED: Feb. 28, 2013

# STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

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**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-013766

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:** RIVER BEND

**1. TYPE OF WELL** Gas Well

**8. WELL NAME and NUMBER:** RBU 37-23E

**2. NAME OF OPERATOR:** XTO ENERGY INC

**9. API NUMBER:** 43047405860000

**3. ADDRESS OF OPERATOR:** PO Box 6501 , Englewood, CO, 80155

**PHONE NUMBER:** 303 397-3727 Ext

**9. FIELD and POOL or WILDCAT:** NATURAL BUTTES

**4. LOCATION OF WELL**
**FOOTAGES AT SURFACE:** 1713 FNL 0669 FWL
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWNW Section: 23 Township: 10.0S Range: 19.0E Meridian: S

**COUNTY:** UINTAH

**STATE:** UTAH

**11.** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| ✓ NOTICE OF INTENT Approximate date work will start: 1/6/2015 | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ☐ SUBSEQUENT REPORT Date of Work Completion: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| | ☐ DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ SPUD REPORT Date of Spud: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| ☐ DRILLING REPORT Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | ✓ APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** March 10, 2014

**By:** 

| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE |
|---|---|---|
| Sephra Baca | 719 845-2103 | Regulatory Analyst |

| SIGNATURE | DATE |
|---|---|
| N/A | 3/6/2014 |

RECEIVED: Mar. 06, 2014

## The Utah Division of Oil, Gas, and Mining

**- State of Utah**
**- Department of Natural Resources**

**Electronic Permitting System - Sundry Notices**

# Request for Permit Extension Validation Well Number 43047405860000

**API:** 43047405860000
**Well Name:** RBU 37-23E
**Location:** 1713 FNL 0669 FWL QTR SWNW SEC 23 TWNP 100S RNG 190E MER S
**Company Permit Issued to:** XTO ENERGY INC
**Date Original Permit Issued:** 3/11/2009

**The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.**

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

**Signature:** Sephra Baca **Date:** 3/6/2014
**Title:** Regulatory Analyst **Representing:** XTO ENERGY INC

RECEIVED: Mar. 06, 2014

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

APR 14 2014

IN REPLY REFER TO:
3160 (UTG011)

Malia Villers
XTO Energy, Inc.
PO Box 6501
Englewood, CO 80155

43 047 40586

RECEIVED
MAY 12 2014
DIV. OF OIL, GAS & MINING

Re: Request to Return APD
Well No. RBU 37-23E
SWNW, Sec. 23, T10S, R19E
Uintah County, Utah
Lease No. UTU-013766
River Bend Unit

Dear Ms. Villers:

The Application for Permit to Drill (APD) for the above referenced well received in this office on March 3, 2009, is being returned unapproved per your request to this office in an email message to Natural Resource Specialist David Gordon received on February 19, 2014. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM

bcc: Well File

GARY R. HERBERT
*Governor*
SPENCER J. COX
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
*Executive Director*
Division of Oil, Gas and Mining
JOHN R. BAZA
*Division Director*

February 12, 2015

43 047 40586
RBU 37-23E
23 10S 19E

Malia Villers
XTO Energy, Inc.
382 Road 3100
Aztec, NM 87410

Re: APDs Rescinded XTO Energy, Inc. LLC, Uintah County

Dear Ms. Villers:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of February 12, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

RBU 2-20E 43-047-36202
RBU 15-20E 43-047-36203
RBU 10-20E 43-047-36204
RBU 14-21E 43-047-36205
LCU 13-1H 43-047-38946
LCU 16-12H 43-047-38947
→ RBU 37-23E 43-047-40586
RBU 21-23E 43-047-40587
RBU 43-18F 43-047-40589
RBU 44-18F 43-047-40590
RBU 45-18F 43-047-40591